



Volume Two

Capital Improvement Plan

City of Scottsdale, Arizona
Adopted FY 2014/15 Budget



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- If a “+” sign is at the left of a bookmark, click on the “+” to bring up subheadings.
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FY 2014/15 Adopted Budget – Volume Two
 Capital Improvement Plan
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The City of Scottsdale's FY 2014/15 budget is comprised of two Volumes:

Volume Two – Capital Improvement Plan (CIP) Budget which authorizes and provides the basis for control of expenditures for the acquisition of significant city assets and construction of all capital facilities. A five-year Capital Improvement Plan is developed and updated annually, including anticipated funding sources. Under state law, budget appropriations lapse at the end of the fiscal year. As part of the annual budget development process the city must re-budget the appropriations until the project is complete and capitalized.

The CIP is prioritized based on City Council's mission and broad goals, the city's General Plan, Citizen Boards and Commissions, the comprehensive financial policies, debt and capital management policies, long range financial forecasts and growth and development assumptions.

The **Overview** section of Volume Two describes recurring capital maintenance projects in further detail, the guidelines used to determine whether a project is a capital project, and the city's capital project review process, which includes review teams and prioritization criteria. The CIP prioritization criteria describe in detail the measures used by the city's two separate CIP teams (Construction and Technology) to rate the various proposed construction related and technology related capital projects. The CIP review process also covers senior management's involvement. The overview section concludes with a summary of operating impacts of capital projects.

The **Funding** section is a summary of the various sources of funds and how those funds are used to pay for CIP projects. The funding section concludes with the Five-Year Financial Plan.

The **Project Lists** section includes four lists:

- Capital Project List – Alphabetical by Project Name – this list summarizes all capital projects in alphabetical order.
- Capital Project List – By Division – this list summarizes all capital projects by city division.

- Capital Project List – By Program - this list summarizes all capital projects by major program.
- Estimated Operating Impacts – This list summarizes the projected operating costs associated with capital projects.

The first three project lists reflect each project's adopted FY 2014/15 budget with the forecasted funding through FY 2018/19. The forecasted funding, which includes FY 2015/16 through FY 2017/18 was not adopted by City Council as part of the FY 2014/15 budget. This information serves as part of the city's long-term capital plan process and will be revisited and updated in future budget reviews. The Estimated Operating Impacts list includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2014/15 are calculated and included in the Adopted Operating Budget.

The remaining sections of Volume Two include detailed information arranged by major program on each of the city's capital projects, including Community Facilities, Preservation, Drainage/Flood Control, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes location, project description, funding source(s) and project number, if applicable.

Volume One – Operating Budget provides fund summaries and five-year financial plans for each of the city's funds. This volume also provides detailed information on each of the city's divisions and departments, including descriptions, prior year highlights, priorities, staffing, and a summary of the operating budgets by expenditure category and the applicable funding sources.

Recurring Capital Maintenance Projects

Recurring capital maintenance projects reflect the recurring expenditure needs of the city. These projects include budget appropriation for one fiscal year, and are reviewed by the Budget staff as part of the budget development process each year. The desired goal is to close out the projects within one year. The projects may be carried forward into the next fiscal year when their completion requires more time than originally anticipated. The recurring capital maintenance projects are assigned a project number with the prefix "Y".

Definition of CIP Projects

The following guidelines determine what a CIP project is:

- Relatively high monetary value (at least \$25,000)
- Long life (at least five years)
- Results in creation of a fixed asset, or the revitalization of a fixed asset

Included within the above definition of a CIP project are the following items:

- Construction of new facilities
- Remodeling or expansion of existing facilities
- Purchase, improvement and development of land
- Operating equipment and machinery for new or expanded facilities
- Planning and engineering costs related to specific capital improvements
- Street construction, reconstruction, resurfacing or renovation

In general, automotive and other rolling stock, personal computers, and other equipment not attached to or part of new facilities are not included as a CIP project. The exception to this is when the aggregate dollar amount of all the items are of a considerable value that they are grouped together and considered as a single capital project.

CIP Review Process

The City of Scottsdale uses two cross-divisional CIP Review Teams, one for review of construction related projects and the other for review of technology related projects. The **Construction Review Team** consists of individuals from a variety of divisions and professional disciplines to review project submissions and ensure that:

- Projects are scoped properly (a building has ADA access, includes telephones, computers, etc.)
- Infrastructure components are coordinated (a waterline is installed at the same time as a roadway improvement at a specific location)
- Long-term operating impacts are included in estimates (staffing, utility and maintenance costs are considered)
- Timeframes for construction activity and cash flow requirements are realistic
- Projects are coordinated geographically (i.e., not more than one north/south major thoroughfare is restricted at a time), and
- Project costs are reviewed to determine the adequacy of the budget and appropriate funding sources

The **Technology Review Team** includes individuals from a variety of divisions to review technology project submissions and ensure that:

- Projects meet city's current hardware, software and security standards
- If technology will be accessed from remote locations, what network bandwidth requirements are needed to support the application
- Long-term operating impacts are included in estimates (training, maintenance and support)
- Who is responsible for funding ongoing maintenance of hardware, operating system, application and database, if applicable
- Who is responsible for day-to-day support
- Does the system require after hours technical support
- Includes funding to cover ongoing monthly communication costs associated with the system, if applicable

- Backups and data retention have been considered
- Disaster recovery and security considerations have been taken into account

While these illustrations are not exhaustive they provide excellent examples of the value added through project review by cross-divisional teams.

Each division is required to submit new funding requests to the City Treasurer's Office, who then compiles the information for the applicable CIP review team. If the review teams have questions concerning a request, the divisions are asked to clarify the issue to assist the review team in prioritizing the projects against all city needs.

After this thorough review process, the CIP review teams prioritize the projects based on City Council's broad goals, division priorities, anticipated funding sources, and the International City/County Management Association (ICMA) Project Prioritization Matrix. The ICMA Prioritization Criteria were obtained from *Capital Projects: New Strategies for Planning, Management, and Finance*, Copyright 1989, pp 85-87, and adjusted for the City of Scottsdale.

The seven prioritization criteria used by Scottsdale for construction related projects are:

1. Annual Recurring Costs - The expected change in operation and maintenance costs. Divisions provide annual estimates of the additional costs or reductions in the operating budget resulting from the new project. Also to be considered are changes in revenues that may be affected by a project. For example, the loss in property taxes incurred when private land is used for a capital project.

2. Health and Safety Effects - This criterion includes health-related environmental impacts like reductions/increases in traffic accidents, injuries, deaths, sickness due to poor water quality, health hazards due to sewer problems, etc.

3. Community Benefits - Economic impacts such as property values, the future tax base, added jobs, income to citizens, changes in business income and the stabilization (or revitalization) of neighborhoods. Such impacts may apply more to capital projects related to growth and expansion than to infrastructure maintenance,

although deteriorating structures can adversely affect business. This is also a catch-all criterion for other significant quality-of-life-related impacts such as community appearance, noise, air and water pollution effects, households displaced, damage to homes, effect on commuters, changes in recreational opportunities, etc. This criterion is also an assessment of the extent of public support and interest group advocacy and/or opposition.

4. Distributional Effects - Estimates of the number and type of persons likely to be affected by the project and nature of the impact; for instance, explicit examination of project impact on various geographical areas; on low-moderate income areas; and on specific target groups. Equity issues are central here - who pays, who benefits, and the social goals of the jurisdiction.

5. Project Feasibility - This element is a measure of special implementation problems (i.e., physical or engineering restraints) and compatibility with the General Plan. Project feasibility also includes the amount of uncertainty and risk. For each proposal, each of the criteria will have associated with it some degree of uncertainty as to cost estimates, effect on service quality or impact of new procedures. When substantial uncertainties exist regarding any of the evaluation criteria for any proposal, the city should consider estimating, at least in broad terms, the amount of uncertainty, probability of occurrence and the magnitude of the likely negative consequences. Few cities generate such information but even "educated guesses" are useful here. Another component of this criterion is the possible beneficial/adverse effects on relationships with other jurisdictions or quasi-governmental agencies in the area. Such effects, i.e., waste disposal via landfills in other jurisdictions, are likely to require special regional coordination and could impair the proposal's attractiveness.

6. Implication of Deferring the Project - Deferring capital projects is tempting for hard-pressed governments but an estimate of the possible effects, such as higher future costs and inconvenience to the public, provides valuable guidance in a proposal assessment.

7. Mayor and City Council's Broad Goals - If a capital project directly addresses the Mayor and City Council's broad goals, the relative attractiveness of that project increases.

The six prioritization criteria used by Scottsdale for technology related projects are:

1. Annual Recurring Costs - This element reflects other costs relative to a proposed project, including operation and maintenance (O&M) costs, licensing costs and potential revenues generated by the completed project. If a project has potentially high O&M and licensing costs, then a lower rating should be assigned. If a project has the potential of generating revenues, then a higher rating should be assigned. Overall, the score for this element should reflect a compilation of all three factors.

2. Technological Infrastructure - This criterion refers to projects required to maintain the technology infrastructure for essential city operations. This would include such items as networks and servers, telephone PBX, extension or improvements to the Wide Area Network for remote locations, etc. Projects that include elements related to these items would be scored higher than projects that don't support the integrity of the technology infrastructure.

3. Community Benefits - This element considers the impacts that a project may have on service and the benefits the project may offer to citizens or staff members. This criterion should be viewed in terms of the numbers of citizens or staff members that may benefit from the project and how a service may be enhanced by the project. This element deals with the extent of influence of a proposed project. The impacts and benefits may be spread over the community at-large, to a specific geographic area, to the entire city staff or to specific city staff at specific locations.

4. Project Feasibility - This element is a measure of special implementation problems (i.e. physical and engineering restraints), and compatibility with the city's overall Technology Plan. A project would be considered for a higher rating score if it has few restraints to accomplish it and is also compatible with the overall Technology Plan. This element measures the success potential of a proposed project. Rating scores should be awarded based on the accuracy of information given by the proposing division, the detail of cost estimates and the potential of the project going awry due to its very nature. Lower rating scores will be assigned for projects that, basically, have insufficient information to allow a "good" review of the project for prioritization. Rating

scores should also be determined based on the possible beneficial or adverse effects on a proposed project due to relationships with other jurisdictions or quasi-governmental agencies in the area. Such effects may require special regional coordination that could directly impact the success or scheduling of a project. The identification of such impacts may result in lower rating scores until such issues are resolved.

5. Implication of Deferring the Project - This element accounts for the downside risk incurred for deferring a project, such as higher future costs, loss of contributions, continued inconvenience to the public and staff, possible constraints to network capacity, deterioration of the city's technology infrastructure or legal liability. In this evaluation, increased implications for delaying a project translates into a higher rating score.

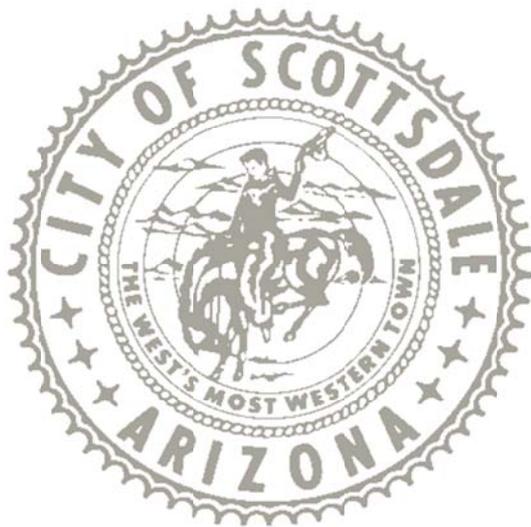
Projects that address the limitations of a system or software package that may render a system unusable if corrective measures are not taken would score high for this element. In addition, a higher score might be in order if future lower costs associated with technology would come into the equation.

6. Mayor and City Council's Broad Goals - If a capital project directly addresses the Mayor and City Council's broad goals, the relative attractiveness of that project increases.

The Construction Review Team and the Technology Review Team forward their prioritization results to the CIP Advisory Team for the next phase of review. This group includes senior management and key staff members who provide an enterprise-wide view for synergy and priority while balancing project requests against known City Council objectives. After their review is completed, members of the CIP Advisory Team present the recommended five-year CIP to the City Manager and City Treasurer. Both review the recommended five-year CIP, applying a policy perspective while considering citywide needs. The full City Council reviews and recommends the five-year CIP plan during budget work study sessions and public hearings prior to budget adoption.

Operational Impacts

The operating impacts of capital projects are analyzed and taken into consideration during the extensive CIP prioritization process. Estimated new revenues and/or operational expenditure savings associated with capital projects are also taken into consideration (net operating costs) during the capital project review. As capital improvement projects are completed, the operating costs of these projects have been identified, prioritized, and justified as part of divisional Operating Budget process. Divisional staff plan and budget for the significant start-up costs, as well as the operation and maintenance of new facilities. The Operating Budget authorizes and provides the basis for control of operating expenditures for both internal and citizen services, including operating and maintaining new capital facilities. The Operating Budget appropriations lapse at the end of the fiscal year. The Operating Budget is funded with recurring annual revenues such as taxes, licenses, fines, user fees and interest income.



FY 2014/15 Adopted Budget

The Capital Improvement Plan (CIP) uses funding from prior year carryovers. Prior year carryovers are “blended” funding from the various funding sources described below. For FY 2014/15 – 2018/19 the funding added to the prior year carryovers includes the Preservation General Obligation (G. O.) Bonds and Municipal Property Corporation (MPC) Bonds. These provide the bond-funded portion of the plan, which is approximately 24 percent of the CIP funding in FY 2014/15 – 2018/19. Approximately 40 percent of Scottsdale’s FY 2014/15 – 2018/19 CIP is funded with Enterprise and Preservation funding, and approximately 36 percent is funded by “pay-as-you-go” revenues, which include dedicated sales tax revenues and contributions from fund balance transfers. The three percentages listed indicate that the FY 2014/15 -2018/19 CIP is in compliance with financial policy number 23, which states that pay-as-you-go Capital Improvement Plan financing should account for a minimum of 25 percent of all capital improvement projects, excluding Preservation and Enterprise for each five-year planning period. Pay-as-you-go financing is defined as all sources of revenue other than city debt issuance. The pie chart at the end of this section represents funding source percentages for FY 2014/15 – 2018/19.

Funding sources for the CIP are presented on a cash flow basis. These revenue sources are presented in the period that the revenue is expected to be collected. Funding sources include estimated balances on hand at the beginning of the period as well as revenue expected to be received during the period or future periods, i.e. bond issuances. As a result of presenting revenue on the cash basis, pay-as-you-go funding sources do not equal budgeted expenditures in each period, sometimes creating a fund deficit for project expenditures in subsequent years.

All potential capital funding resources are evaluated to ensure equity of funding for the CIP. Our measure of whether equity is achieved is if the beneficiaries of a project or service pay for it. For example, general tax revenues and/or G.O. Bonds appropriately pay for projects that benefit the general public as a whole. User fees, development fees, and/or contributions pay for projects that benefit specific users. Other factors considered when funding the capital plan are whether the financing method provides funding when needed and the financial costs associated with the funding source. The following summarizes the funding sources for the CIP.

General Obligation (G.O.) Bonds and Municipal Property Corporation (MPC) Bonds

General Obligation (G.O.) Bonds are bonds secured by the full faith and credit of the issuer. G.O. Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power (secondary portion). They are usually issued to pay for general capital improvements such as parks and roads.

General Obligation (G.O.) Preserve are bonds payable either (1) solely from and secured by a 0.2 percent sales tax approved by city voters in 1995 and issued for the purpose of acquiring land for the McDowell Sonoran Preserve; or (2) solely from and secured by a 0.15 percent sales tax approved by city voters in 2004 and issued for the purpose of acquiring land and preserve-related construction, such as proposed trailheads for the McDowell Sonoran Preserve. If the preservation sales tax is insufficient to service the debt, secondary property tax would be utilized for debt payments.

Municipal Property Corporation (MPC) Bonds Water and/or Sewer represents bonds issued by the Municipal Property Corporation (MPC), a non-profit corporation established to issue bonds to fund city capital improvements. The debt incurred by the corporation is a city obligation, but does not require voter approval. Pledged revenue streams, in this instance water and sewer rates, finance the repayment of MPC debt.

Municipal Property Corporation (MPC) Bonds Other are issued by the Municipal Property Corporation, a non-profit corporation established to issue bonds to fund city capital improvements. The debt incurred by the corporation is a city obligation, but does not require voter approval. Pledged revenue streams, in this instance excise taxes, finance the repayment of MPC debt.

Enterprise Funds

Water & Sewer Rates are utility bill revenues received from the sale of domestic water and the fees collected for the disposal of sanitary sewer waste from customers within the city. Water & sewer operating revenues in excess of operating expenditures are transferred to the CIP to fund water and sewer capital improvement projects.

Aviation Fees represent fee revenues received from users of the city’s municipal airport and related facilities. Fees paid include transient landing fees, tie down fees, hangar fees, etc.

Solid Waste Rates represent utility bill revenues received for the collection and disposal of solid waste from residential and commercial customers.

Internal Service Funds

Internal Service Funds represent revenues received for services provided to internal customers.

Fleet Fund represents revenues from the city's fleet rates and per financial policy is restricted to use for improvements to facilities providing maintenance services to the city's rolling stock, the replacement of rolling stock, and the administration of the program.

Transportation

Transportation Privilege Tax represents revenues received from the 1989 voter approved 0.2 percent sales tax on local retail and other sales.

Prop 400 Regional Transportation Sales Tax represents revenues received from the 2004 voter approved 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction (Proposition 400).

Preserve

Preservation Privilege Tax Fund represents revenues received from the 1995 voter approved 0.2 percent sales tax on local retail and other sales and is dedicated to the purpose of acquiring land for the McDowell Sonoran Preserve and revenues received from the 2004 voter approved 0.15 percent sales tax on local retail and other sales and is dedicated to purpose of acquiring land and construction of essential preserve related necessities such as proposed trailheads for the McDowell Sonoran Preserve.

Tourism Development

Tourism Development Funds represents revenues received from the voter approved transient lodging (bed) tax of five percent on hotel and motel room rentals in addition to sales tax. Bed Tax revenue is transferred to the Capital Improvement Plan when City Council approves using it as a funding source for specific capital projects.

Other

Interest Earnings represents interest earnings on cash balances on hand in the various funds under the Capital Improvement Program.

Other Contributions represent amounts paid by other organizations for capital projects including developers, the Scottsdale Charros and the San Francisco Giants.

Intergovernmental represents amounts paid by other organizations for capital projects through intergovernmental agreements (IGAs), and include the Maricopa County Flood Control District (MCFCD) and the Salt River Pima-Maricopa Indian Community (SRPMIC).

Grants represent revenues received from federal or state sources. Most grants require a matching funding source with the percentage of the match dependant on grant requirements. The funding is restricted in use to the improvements requested and approved in the grant application.

Miscellaneous funding represents revenues from several sources (groundwater treatment, reclaimed water distribution, and in-lieu fees) that are aggregated for reporting purposes.

Special Programs Fund represents revenues from dedicated funding sources and donations earmarked for specific purposes (i.e., Racketeering Influenced Corrupt Organization (RICO), Court Enhancement Fund (CEF)).

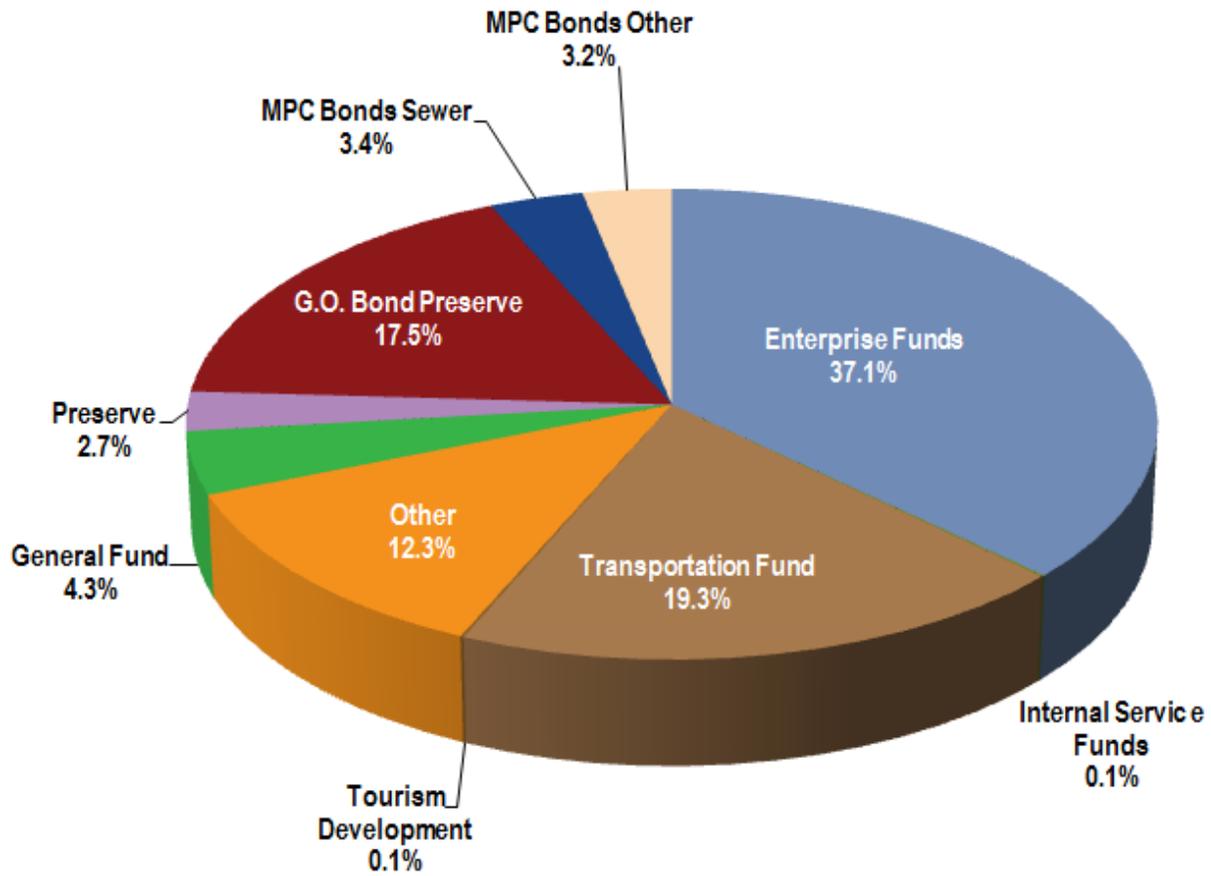
General Fund

General Fund represents the transfer of cash from the General Fund to fund the "pay-as-you-go" contributions from general revenues for capital projects that do not have a dedicated funding source. The General Fund transfer of cash to the CIP is considered and approved by the City Council each fiscal year.

Prior Year Carryovers

Prior year carryovers are committed funds from prior years that are re-budgeted until they are expended, uncommitted or until the projects are completed.

**FY 2014/15 Capital Improvement Plan
Source of Funds (FY 2014/15 - 2018/19)
Percent of Totals**



The Capital Improvement Plan (CIP) is comprised of seven major programs:

- Community Facilities
- Drainage /Flood Control
- Preservation
- Public Safety
- Service Facilities
- Transportation
- Water Management

The Use of Funds pie chart represents the percentages for each major program.

Expenditures are presented on a budget basis rather than a cash flow basis. Governmental budgeting procedures require adequate budget to pay for the entire contract to be available and appropriated in the period in which a contract is entered into by the city. However, actual cash flows (expenditures) under the contract generally take place over more than one year and match cash flow funding receipts.

The following summarizes the seven major programs that comprise the total Capital Improvement Plan.

Community Facilities programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreation facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 8.0 percent of the CIP has been identified to address the needs of this program.

Drainage/Flood Control focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by preventing property damage from flooding. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 2.6 percent of the CIP has been identified to address the drainage and flood control needs of the city.

Preservation focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert. The 1998 election expanded the recommended study boundary from the original 12,876 acres to 36,400 acres. The 2004 election provided an additional revenue stream (0.15 percent sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 34.6 percent of the CIP has been identified to address this program.

Public Safety focuses on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe. This goal is met by providing fire and police stations, training facilities and automation and communication systems related to fire and police operations. Approximately 1.9 percent of the CIP has been identified to address the public safety needs of the city.

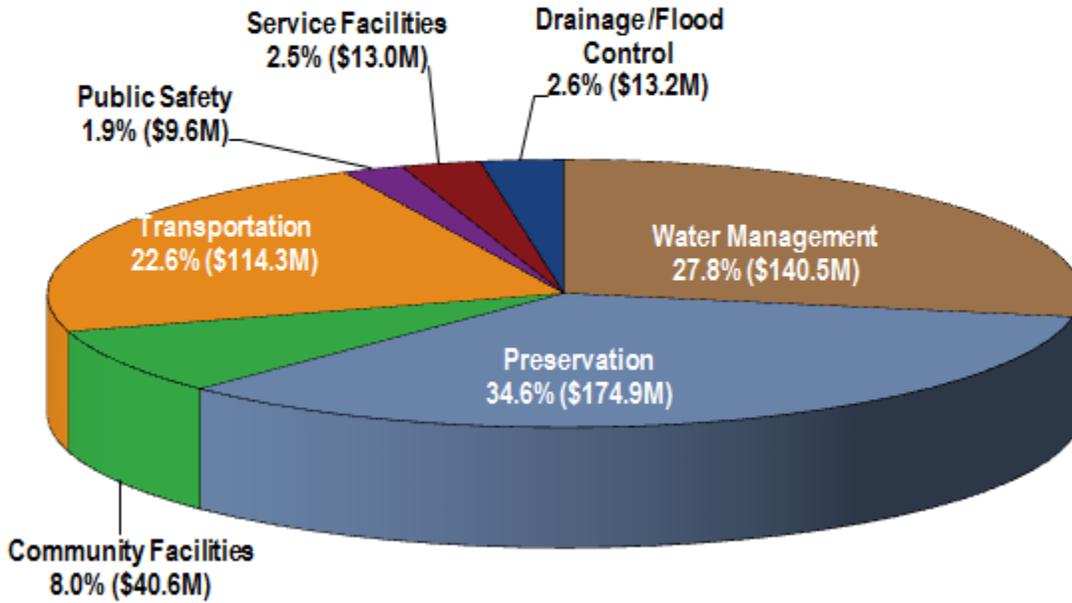
Service Facilities programs focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the city. Approximately 2.5 percent of the CIP has been identified to address this program.

Transportation programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2 percent privilege tax to fund transportation improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction. This program looks for the best use of these funding sources and addresses the multi-modal concept. Approximately 22.6 percent of the CIP has been identified to address the transportation needs of the city.

Water Management focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safe, reliable water and providing wastewater services. This program also reflects

the city's commitment to federal and state regulations. Approximately 27.8 percent of the CIP has been identified to address the water and wastewater needs of the city.

**FY 2014/15 Capital Improvement Plan
Budgeted Program Expenditures
Percent of Total - \$506,110,100 ***



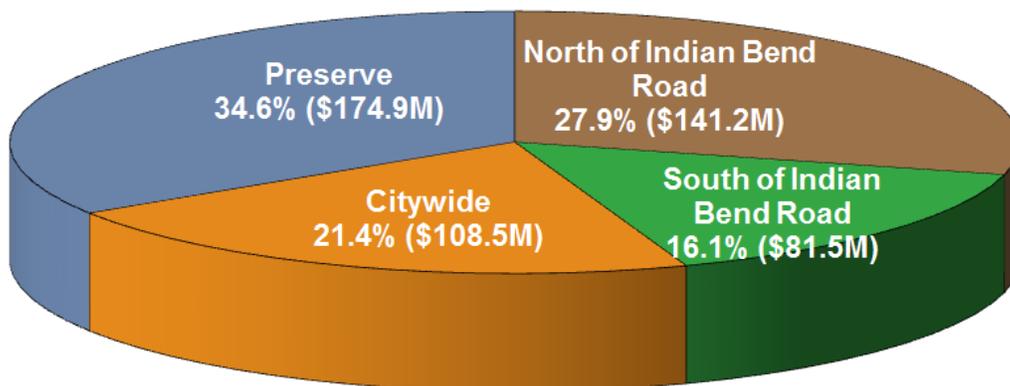
* Excludes Capital and Grant Contingency of \$15.3 million.

**Capital Improvement Plan - Use of Funds
In Thousands of Dollars**

Major Programs	2014/15	2015/16	2016/17	2017/18	2018/19
Community Facilities	40,596.0	202.2	202.2	202.2	202.2
Preservation	174,906.3	4,280.0	3,280.0	3,280.0	2,280.0
Drainage/Flood Control	13,158.6	4,872.2	10,709.9	9,171.9	31,684.6
Public Safety	9,640.7	676.9	6,953.1	1,536.1	1,628.8
Service Facilities	13,001.5	3,669.8	2,553.3	2,804.8	4,296.1
Transportation	114,268.3	44,889.4	19,912.1	26,907.0	21,833.1
Water Management	140,538.7	42,136.1	36,608.8	21,167.5	21,329.5
Total Expenditures (a)	506,110.1	100,726.6	80,219.4	65,069.5	83,254.3
Prior Year Unexpended (b)		273,972.0	277,924.3	265,465.1	233,944.5
Unexpended at Year End (Re-budgets) (c)	(273,972.0)	(277,924.3)	(265,465.1)	(233,944.5)	(235,986.7)
Transfers out to CIP General Fund (d)	3,043.2	-	-	-	-
Transfers out to Aviation Operating (e)	430.0	-	-	-	-
Transfers out to Debt Services (f)	15,101.4	15,191.4	15,744.8	15,869.6	15,943.4
Transfers out to Reclaimed Water Distribution System (RWDS) (g)	900.0	900.0	900.0	900.0	900.0
Total Use of Funds	251,612.8	112,865.6	109,323.4	113,359.7	98,055.5

- (a) Excludes Capital and Grant Contingency of \$15.3 million in FY 2014/15 and \$9.5 million annually in subsequent years.
- (b) Prior year unexpended estimates are based on annual cashflow assumptions.
- (c) Unexpended at year end (rebudgets) estimates are based on annual cashflow assumptions.
- (d) Includes reimbursement from MPC Bond Issuance for incurred expenditures paid by the CIP General Fund.
- (e) Reimbursement to Aviation Operating.
- (f) Includes payment of the debt service costs of bonds that were issued for growth CIP projects that were funded with development fee revenue.
- (g) Reimbursement to RWDS fund.

**FY 2014/15 Capital Improvement Plan
Budgeted Program Expenditures
by Geographic Boundary
Percent of Total - \$506,110,100***



*Excludes Capital and Grant Contingency of \$15.3 million

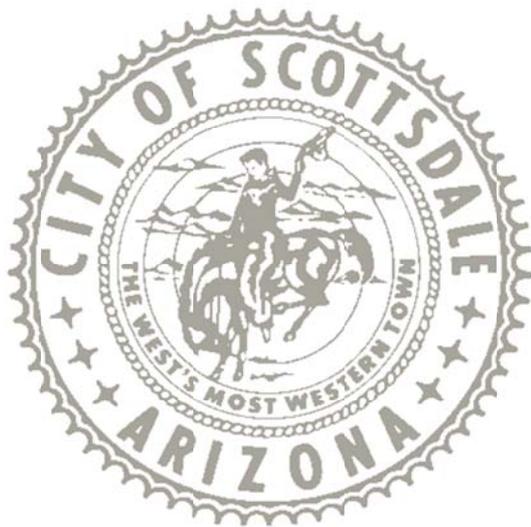
Capital Improvement Plan Financial Summary & Five Year Forecast

	Actual 2012/13	Adopted 2013/14	Forecast 2013/14	Adopted 2014/15	Forecast 2015/16	Forecast 2016/17	Forecast 2017/18	Forecast 2018/19
Beginning Fund Balance ^(A)	185,730.4	162,096.7	178,137.9	150,181.2	125,055.3	94,339.6	76,746.4	49,927.3
Revenues								
Bonds/Contracts								
General Obligation Preserve	74,907.8	75,000.0	12,000.0	100,000.0	-	-	-	-
Municipal Properties Corporation	43,560.0	38,000.0	13,800.0	18,045.0	-	-	-	-
Pay-As-You-Go								
Water & Sewer Development Fees	-	-	-	162.2	600.0	600.0	600.0	500.0
Regional Transportation Sales Tax (Prop 400)	8,157.4	21,800.6	10,704.4	12,361.6	8,875.6	14,512.0	14,807.0	8,438.0
Grants	22,730.7	36,894.1	15,881.6	6,766.2	2,895.1	2,900.0	2,371.0	1,212.0
Intergovernmental	5,904.3	-	500.0	400.0	2,606.0	16,000.0	10,000.0	15,381.7
In-Lieu Fees	-	110.0	110.0	110.0	110.0	110.0	110.0	110.0
Other Contributions	487.8	5,534.8	1,142.8	134.8	134.8	134.8	134.8	134.8
Interest Earnings	776.3	1,064.4	1,064.4	652.7	1,179.3	1,415.8	1,904.3	2,031.7
Miscellaneous	16,811.7	-	-	-	-	-	-	-
Subtotal	173,336.1	178,403.9	55,203.2	138,632.5	16,400.8	35,672.6	29,927.1	27,808.2
Transfers In								
General Fund	5,300.5	5,517.6	5,795.6	13,116.0	5,099.3	2,112.4	2,132.8	2,153.5
General Fund CIP Fund	1,064.3	-	4,728.0	-	-	-	-	-
CFD Fund	86.7	-	-	-	-	-	-	-
Transportation Fund	8,443.8	8,704.7	9,017.1	9,256.1	9,347.5	9,638.4	9,951.5	10,330.1
CIP Bed Tax Fund	-	-	2,100.0	3,043.2	-	-	-	-
Preservation Privilege Tax Funds	5,817.6	3,820.0	8,637.0	2,000.0	4,280.0	3,280.0	3,280.0	2,280.0
Tourism Development	2,818.8	150.0	530.0	2,650.3	0.1	-	-	-
GO Bond	2,500.5	-	-	-	-	-	-	-
Special Programs Fund	3,343.6	4,939.0	5,866.3	584.7	154.4	301.3	21.7	25.3
Aviation Fund	4,103.5	5.1	1,380.8	133.0	352.1	187.7	195.0	142.7
Water & Sewer Fund	96,596.7	49,412.4	43,281.0	47,353.5	40,681.8	40,517.7	41,017.6	40,582.7
CIP Sewer Bonds	-	-	6,131.4	8,800.0	5,800.0	-	-	5,000.0
MPC Fund	33,825.0	-	8,625.0	-	-	-	-	-
Aviation Operations	4.6	-	-	-	-	-	-	-
Grants	-	2.8	-	-	-	-	-	-
Solid Waste Fund	307.9	843.6	719.6	303.6	14.4	7.7	5.7	17.9
Fleet Fund	756.6	259.5	259.5	609.4	15.6	10.0	7.6	22.6
Internal Service Funds	1.3	2.8	2.8	4.5	4.0	2.5	1.7	6.7
Subtotal	164,971.4	73,657.4	97,074.0	87,854.3	65,749.1	56,057.6	56,613.6	60,561.5
Total Sources	338,307.5	252,061.4	152,277.2	226,486.8	82,149.9	91,730.2	86,540.7	88,369.7
Use of Funds:								
Expenditures								
Program								
Community Facilities	37,257.4	69,444.3	29,622.6	40,596.0	202.2	202.2	202.2	202.2
Preservation	96,830.5	106,704.1	28,736.0	174,906.3	4,280.0	3,280.0	3,280.0	2,280.0
Drainage/Flood Control	4,406.3	29,419.0	4,764.5	13,158.6	4,872.2	10,709.9	9,171.9	31,684.6
Public Safety	4,269.4	8,079.3	6,958.1	9,640.7	676.9	6,953.1	1,536.1	1,628.8
Service Facilities	4,833.8	16,207.1	9,444.8	13,001.5	3,669.8	2,553.3	2,804.8	4,296.1
Transportation	35,335.2	151,534.3	39,684.7	114,268.3	44,889.4	19,912.1	26,907.0	21,833.1
Water Management	41,499.8	136,029.4	28,715.1	140,538.7	42,136.1	36,608.8	21,167.5	21,329.5
Prior Year Unexpended ^(A)	-	-	-	-	273,972.0	277,924.3	265,465.1	233,944.5
Subtotal	224,432.5	517,417.5	147,925.8	506,110.1	374,698.6	358,143.7	330,534.6	317,198.8
Less: Estimated Capital Improvement Expenditures	-	(274,865.3)	-	(232,138.1)	(96,774.2)	(92,678.6)	(96,590.1)	(81,212.1)
Subtotal: Unexpended at Year End	-	242,552.2	-	273,972.0	277,924.3	265,465.1	233,944.5	235,986.7
Transfers Out								
CIP General Fund	4,030.5	-	2,100.0	3,043.2	-	-	-	-
To Debt Service Fund	125.0	-	-	-	-	-	-	-
General CIP Fund - Bond Exp Reimb	1,941.8	-	-	-	-	-	-	-
Transp Privilege Tax CIP Fund - Bond Exp Reimb	558.7	-	-	-	-	-	-	-
CIP Water & Water Reclamation Funds	4,088.4	-	-	-	-	-	-	-
CIP Bed Tax Fund	33,677.6	-	13,353.0	-	-	-	-	-
CIP Transportation Fund	41.4	-	-	-	-	-	-	-
Aviation Operating	-	-	-	430.0	-	-	-	-
Development Fees Transfer for Debt Service	62,493.3	16,855.1	15,955.1	15,101.4	15,191.4	15,744.8	15,869.6	15,943.4
RWDS	900.0	-	900.0	900.0	900.0	900.0	900.0	900.0
CIP In Lieu Stormwater Fund	45.4	-	-	-	-	-	-	-
To Special Programs Fund	1,380.5	-	-	-	-	-	-	-
Subtotal	109,282.5	16,855.1	32,308.1	19,474.6	16,091.4	16,644.8	16,769.6	16,843.4
Total Uses	333,714.9	291,720.4	180,233.9	251,612.8	112,865.6	109,323.4	113,359.7	98,055.5
Other GAAP Adjustments ^(B)	(12,185.1)	-	-	-	-	-	-	-
Ending Fund Balance								
Capital Grant Contingency ^(C)	543.4	5,000.0	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0
Capital Airport Grant Contingency ^(C)	442.8	5,950.0	-	5,750.0	-	-	-	-
Capital General Contingency ^(C)	57,104.3	34,500.0	3,827.9	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0
Reserved:								
Reserved Fund Balance	178,137.9	122,437.6	150,181.2	125,055.3	94,339.6	76,746.4	49,927.3	40,241.5
Total Ending Fund Balance	178,137.9	122,437.6	150,181.2	125,055.3	94,339.6	76,746.4	49,927.3	40,241.5

(A) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) or by program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

(B) Impacts fund balance, but does not affect revenues or expenses.

(C) Capital Grant Contingency, Capital Airport Grant Contingency and Capital General Contingency are unfunded contingencies that allow for the expenditure of unanticipated revenues and is not included in the beginning or ending fund balance. City Council approval is required before making expenditures from capital contingencies.



FY 2014/15 Adopted Budget



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

The **Project List** section includes four lists. The first list summarizes all capital projects in alphabetical order. The second list summarizes all capital projects by city division. The third list summarizes all capital projects by program. The fourth list summarizes the projected operating costs associated with capital projects. The first three project lists reflect each project's adopted FY 2014/15 budget with the forecasted funding through FY 2018/19. The forecasted funding, which includes FY 2015/16 through FY 2018/19, will not be adopted by the City Council as part of the FY 2014/15 budget adoption. This information serves as part of the city's long-term capital planning process and will be revisited and updated in future budget reviews. The Estimated Operating Impacts list includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2014/15 are calculated and included in the Adopted Operating Budget. Following the four lists are project descriptions which include detailed information arranged by major program on each of the city's capital projects, including Community Facilities, Preservation, Drainage/Flood Control, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes project location, project description, funding source(s) and project number, if applicable.

Project	Estimated Expenditures Thru 06/30/14	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast			
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB02A)	-	750.0	-	-	-	-	-	750.0	98
3D Laser Scanner (JA05A, JA05B)	(88.3)	97.0	-	-	-	-	-	97.0	67
5th Avenue Drainage Project (GA02A)	-	250.0	-	-	-	-	-	250.0	52
9-1-1 Communication Equipment Replacement (JA03A, JA03B)	(796.0)	1,128.3	-	-	-	-	-	1,128.3	67
9-1-1 Voice Logging Recorder Replacement (M1206)	(209.8)	237.3	-	-	-	-	-	237.3	67
Adaptive Recreation Building Remodel (G1307, P1311)	(511.7)	641.0	-	-	-	-	-	641.0	44
Additional Compressed Natural Gas (CNG) Fuel Dispensers (BA03A)	(60.2)	434.9	-	-	-	-	-	434.9	76
Additional Servers for Digital Evidence and Forensic Recovery - Allocation (JB05B, JB05A)	-	170.0	-	-	-	-	-	170.0	67
Advance Water Treatment Plant Membranes - Wastewater (VB04A)	-	401.2	-	-	-	-	401.2	802.4	119
Advance Water Treatment Plant Membranes - Water (WB02A)	-	70.8	-	-	-	-	70.8	141.6	127
Advanced Authentication via HID Cards (JA07A, JA07B)	(44.9)	52.3	-	-	-	-	-	52.3	68
Advanced Mobile Solutions - Allocation (JB03A, JB03B)	-	70.9	34.9	-	-	-	-	105.8	68
Advanced Traffic Signal Control Cabinets - Phase I (TEMP1190)	-	-	721.0	-	-	-	-	721.0	104
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	-	721.0	-	-	-	721.0	104
Airpark Area Access Projects Phase I (S1103)	(8,058.1)	8,098.2	-	-	-	-	-	8,098.2	98
Airport - Future Grants (A0509)	-	5,500.1	-	-	-	-	-	5,500.1	92
Airport Master Plan (A0706)	(533.3)	550.7	-	-	-	-	-	550.7	92
Airport Pavement Preservation Program (AB02A)	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	92
Airport Pavement Preservation Program (A0710)	(598.0)	813.0	-	-	-	-	-	813.0	92
Airport Security System Improvements (A0903)	(81.1)	120.0	-	-	-	-	-	120.0	93
Airport Terminal Remodel (AA02A)	-	400.0	-	-	-	-	-	400.0	93
Allocation and Deployment Software (M1301, M1302)	(61.0)	71.9	-	-	-	-	-	71.9	68
Apron Reconstruction - Delta Apron (TEMP1467)	-	-	-	220.0	1,980.0	-	-	2,200.0	93
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (G1303, T1303)	(438.2)	4,111.7	-	-	-	-	-	4,111.7	109
Aviation Grant Match Contingency (A0504)	-	250.0	-	-	-	-	-	250.0	93
Ballfield Lighting System Replacement Phase I (PB02A)	-	883.0	-	-	-	-	-	883.0	48

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

Project	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
	Expenditures Thru 06/30/14	Adopted	Forecast	Forecast	Forecast	Forecast		
Bellevue Land Acquisition (D1303)	(279.0)	300.0	-	-	-	-	300.0	44
Bellevue Property Improvements (DA03A)	(840.9)	950.0	-	-	-	-	950.0	44
* Bikeways Program (YB28A)	-	850.0	850.0	600.0	600.0	600.0	3,500.0	109
* Bikeways Program (Y1328)	(304.9)	350.0	-	-	-	-	350.0	109
Booster Pump Station 42B Infrastructure Improvements (WB04A)	-	3,915.0	-	-	-	-	3,915.0	127
Booster Station Upgrades (W9903)	(7,446.6)	8,761.3	-	-	-	-	8,761.3	127
Booster Station Upgrades (WB14A)	-	5,825.7	300.0	250.0	750.0	550.0	7,675.7	128
Browns Ranch Area Trail Construction (P1307)	(439.0)	708.8	-	-	-	-	708.8	58
Brown's Ranch Trailhead (P1102)	(3,563.6)	4,075.0	-	-	-	-	4,075.0	58
* Bus Stop Improvements (YA17A)	(20.9)	150.0	-	-	-	-	150.0	110
* Bus Stop Improvements (Y1017)	(537.2)	576.0	-	-	-	-	576.0	110
* Bus Stop Improvements (Y1117)	(15.4)	200.0	-	-	-	-	200.0	110
* Bus Stop Improvements (Y1317)	(35.3)	150.0	-	-	-	-	150.0	111
Cactus Acres Fire Station 8 (B0803)	(5,966.1)	6,090.9	-	-	-	-	6,090.9	65
Cameras & Communication Equipment for Special Events and Surveillance Investigations-Allocation (JB02B, JB02A)	-	109.0	43.6	-	-	-	152.6	69
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB10A, VB03A)	-	200.0	1,800.0	-	-	-	2,000.0	128
Central Area Trail Construction (D0702)	(406.2)	872.5	-	-	-	-	872.5	58
Chaparral Road Traffic Calming, Sewer & Drainage Improvements - Scottsdale Road to 69th Place (TA03A)	(143.1)	1,205.1	-	-	-	-	1,205.1	104
Chaparral Water Treatment Plant Membrane Communications System Upgrades (WB05A)	-	1,625.0	-	-	-	-	1,625.0	128
Chaparral Water Treatment Plant Pretreatment (W1102, WA01B)	(6,826.4)	30,804.1	-	-	-	-	30,804.1	129
* CIP Advance Planning Program (Y0718)	(2,113.0)	2,257.3	-	-	-	-	2,257.3	98
CIP Contingency (Z9400)	-	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0	79
CIP Contingency for Future Grants (Z9401)	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	79
* CityCable Audio/Video Equipment Replacements (YA04A)	(68.7)	65.8	-	-	-	-	65.8	79
* CityCable Audio/Video Equipment Replacements (YB04A)	-	40.9	161.3	-	200.6	69.8	472.6	79
* CityCable Audio/Video Equipment Replacements (Y1304)	(167.1)	170.0	-	-	-	-	170.0	80
CNG Compressor Replacement (B1303)	(560.4)	750.0	-	-	-	-	750.0	76
Construct Airport Operations/Maintenance (A1201)	(415.4)	3,000.0	-	-	-	-	3,000.0	94
* Crime Laboratory Equipment Replacement (YB03B, YB03A)	-	229.0	141.7	234.4	239.8	332.5	1,177.4	69
* Crime Laboratory Equipment Replacement (YA03A, YA03B)	(133.2)	147.2	-	-	-	-	147.2	70
Cross Roads East Wastewater (V0501)	(282.9)	2,598.0	1,514.9	-	-	-	4,112.9	119
Cross Roads East Water (W0501)	(2,424.5)	3,848.0	3,183.2	-	-	-	7,031.2	129
Crosscut Canal Bridge and Path (TA05A, GA03A)	(0.3)	452.2	445.4	-	-	-	897.6	111
Deep Well Recharge/Recovery Facilities (W8515)	(899.3)	5,100.0	-	-	-	-	5,100.0	129
Desert Discovery Center (D1001)	(19.9)	500.0	-	-	-	-	500.0	59
Desert Discovery Phase III (D1101)	(132.3)	140.0	-	-	-	-	140.0	59
Desert Foothills Fire Station 13 (B0403)	(1,374.5)	2,275.0	-	-	-	-	2,275.0	65

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

Project	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
	Expenditures Thru 06/30/14	Adopted	Forecast	Forecast	Forecast	Forecast		
Design and Construct Retention Basin Improvements (A0705)	(421.2)	713.1	-	-	-	-	713.1	94
Design/Construct East Parcel Apron/Taxiway (TEMP1028)	-	-	130.0	1,170.0	-	-	1,300.0	94
District 2 Jail IP Video Monitoring System - Allocation (JA13A, JA13B)	(199.6)	217.6	-	-	-	-	217.6	70
Document Management System - Courts (M9906)	(254.0)	400.0	-	-	-	-	400.0	80
Downtown Pedestrian Improvements (T0801)	(513.6)	600.0	-	-	-	-	600.0	111
East Union Hills Interceptor Channel (F0401)	(249.4)	249.4	-	845.7	845.7	-	1,940.8	52
Eldorado Park Fire Station 1-Relocate Existing S. Quadrant (B0601)	(3,782.4)	3,941.8	-	-	-	-	3,941.8	65
Environmental Assessment for Land Acquisition (A1302)	-	250.0	-	-	-	-	250.0	95
Erosion Protection/Wildlife Mitigation - Runway Approach Area (TEMP1465)	-	-	-	500.1	-	-	500.1	95
Expanded McDowell Sonoran Preserve (P0505)	(262,171.3)	270,182.3	-	-	-	-	270,182.3	59
Expanded McDowell Sonoran Preserve (PB04A)	-	167,967.0	-	-	-	-	167,967.0	60
* Facilities Repair and Maintenance Program (YA01A)	(1,614.8)	1,640.4	-	-	-	-	1,640.4	76
* Facilities Repair and Maintenance Program (YB01A)	-	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4	77
Fire Radio Replacement (JA14A)	(1,056.5)	1,208.6	-	-	-	-	1,208.6	66
Frank Lloyd Wright–Scottsdale Rd to Shea (S0304)	(1,471.8)	2,467.5	-	-	-	-	2,467.5	99
Granite Reef Watershed (F0201)	(1,225.0)	8,826.8	4,372.2	4,080.0	2,592.0	31,184.6	51,055.6	52
Hayden Road / Chaparral Intersection Improvements (TA01A)	-	850.0	-	-	-	-	850.0	105
Hayden/Thomas Safety Improvements (T1201, G1206)	(130.1)	2,142.2	2,928.0	-	-	-	5,070.2	105
Highway Advisory Radio System (GB01A, TB01A)	-	417.0	-	-	-	-	417.0	105
HR - Automation System (M0904)	(89.6)	90.0	-	-	-	-	90.0	80
Hydrogen Sulfide Mitigation (VA07A)	-	4,800.0	-	-	-	-	4,800.0	119
Indian Bend Wash Lakes Phase I (PB01A)	-	3,240.0	-	-	-	-	3,240.0	48
* Intersection Mobility Enhancements (YA19B, YA19A)	(573.6)	919.2	-	-	-	-	919.2	106
* Intersection Mobility Enhancements (YB19A)	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	106
Irrigation Water Distribution System Improvements (W1103)	(46.8)	2,250.0	-	-	-	-	2,250.0	130
IT - Information Lifecycle Management (M1201)	-	210.0	-	-	-	-	210.0	81
* IT - Network Infrastructure (YA07A)	(286.6)	320.0	-	-	-	-	320.0	81
* IT - Network Infrastructure (YB07A)	-	447.0	370.0	367.0	381.5	419.7	1,985.2	82
* IT - Network Infrastructure (Y1307)	(333.2)	417.1	-	-	-	-	417.1	82
* IT - Server Infrastructure (YA08A)	(654.6)	1,024.4	-	-	-	-	1,024.4	83
* IT - Server Infrastructure (YB08A)	-	901.5	1,043.5	647.3	367.3	1,976.6	4,936.2	83
* IT - Server Infrastructure (Y1308)	(40.6)	208.9	-	-	-	-	208.9	84
IT - Telephone System Upgrade (M0906)	(492.2)	630.0	-	-	-	-	630.0	84
ITS/Signal System Upgrades (T0902)	(242.0)	1,850.0	-	-	-	-	1,850.0	106
IT–Web Content Management SW (M0506)	(234.1)	298.4	-	-	-	-	298.4	84
IWDS / Harquahala Valley Irrigation District Property (WB06A)	-	5,016.0	-	-	-	-	5,016.0	130

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Lab Information Management System (LIMS) Integration (M1305, M1306)	-	112.1	-	-	-	-	112.1	70
Land Acquisition - East Parcel (A1301)	(13.5)	6,500.0	-	-	-	-	6,500.0	95
Laser Induced Breakdown Spectrometer (JA10A, JA10B)	(75.0)	81.8	-	-	-	-	81.8	71
Levee Certification and Rehabilitation (F0801)	(397.3)	400.0	-	-	-	-	400.0	53
Loop 101 Detention Basin (F0701)	(1,747.8)	2,473.2	-	1,361.9	1,311.9	-	5,147.0	53
Loop 101 Detention Basin Outfall (F0602)	(0.1)	0.1	-	1,722.5	1,722.5	-	3,445.1	53
Lost Dog Wash Trailhead Paving and Trail (P1302)	(306.6)	450.0	-	-	-	-	450.0	60
Marshall Way Entry Feature (DA02A)	-	150.0	-	-	-	-	150.0	44
Master Plan - Water (WB16A)	-	627.0	400.0	-	-	-	1,027.0	130
Master Plan – Water (W8525)	(2,888.9)	2,689.8	-	-	-	-	2,689.8	131
Master Plan Water Reclamation (V8620)	(3,012.4)	2,902.0	-	-	-	-	2,902.0	120
Master Plan Water Reclamation (VB07A)	-	631.4	350.0	-	-	-	981.4	120
McDowell Road Bridge over Indian Bend Wash (T0605, G1101)	(3,715.3)	3,786.5	-	-	-	-	3,786.5	112
MetaMorpho to BIS (JA06A, JA06B)	-	81.8	-	-	-	-	81.8	71
Mobile Network Software (M1101)	(54.9)	346.3	-	-	-	-	346.3	85
Mustang Transit Passenger Facility (T0502, G1008, G1010, T9902)	(756.2)	8,621.4	-	-	-	-	8,621.4	112
* Neighborhood Stormwater Management Improvements (YA05A)	(15.8)	782.0	-	-	-	-	782.0	54
* Neighborhood Stormwater Management Improvements (YB05A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	54
* Neighborhood Stormwater Management Improvements (Y1305)	(196.7)	500.0	-	-	-	-	500.0	54
* Neighborhood Traffic Management Program (YB21A)	-	250.0	250.0	250.0	250.0	250.0	1,250.0	106
* Neighborhood Traffic Management Program (YA21A)	-	250.0	-	-	-	-	250.0	107
* Neighborhood Traffic Management Program (Y1321)	(44.7)	250.0	-	-	-	-	250.0	107
Network Infrastructure Extension (M0707)	(727.7)	862.5	-	-	-	-	862.5	85
North Area Access Control & Stabilization (P1305)	(1,107.7)	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0	60
North Area Trail Construction (P1001)	(1,354.3)	2,600.0	100.0	100.0	100.0	100.0	3,000.0	61
North Canal Bank Improvements - Marshall Way to Goldwater (TA02A)	(250.8)	1,946.0	-	-	-	-	1,946.0	112
North Corp Yard CNG Compliance (BB02A)	-	400.0	-	-	-	-	400.0	77
Northsight Boulevard Extension (S1301)	(7,384.8)	8,125.4	-	-	-	-	8,125.4	99
Online Bill Payment and Presentment System (JA02A)	-	381.5	-	-	-	-	381.5	85
Pave 3 Dirt Roads (GA04A, TA06A)	-	1,344.5	-	-	-	-	1,344.5	113
* Pavement Overlay Program (YB29A)	-	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0	99
* Pavement Overlay Program (YA29A)	(3,357.2)	3,223.4	-	-	-	-	3,223.4	100
Payroll System Replacement (JB01A)	-	350.1	100.0	-	-	-	450.1	86
Pima Road - McDowell to 90th Street/Via Linda (S1101)	(1,208.3)	2,248.0	13,307.0	2,756.0	6,707.0	6,326.0	31,344.0	100
Pima Road - Pinnacle Peak to Happy Valley (TEMP1019)	-	-	-	-	3,621.0	4,571.0	8,192.0	100
Pima Road Drainage System (F0503)	(3,299.3)	4,224.3	-	1,087.2	1,087.2	-	6,398.7	55

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #	
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast			FY2018/19 Forecast
Pima Road: Via Linda to Via de Ventura (SB04A)	-	1,912.0	-	-	-	1,912.0	101	
Pima/Dynamite Trailhead (PB03A)	-	500.0	3,000.0	500.0	-	4,000.0	61	
Police – Records Management and CAD System Replacement (M0401)	(4,522.3)	4,525.0	-	-	-	4,525.0	71	
Police Advanced Mobile Upgrades (M0810)	(776.6)	768.3	-	-	-	768.3	72	
Police Mobile Command Center (M1205)	(766.1)	800.0	-	-	-	800.0	72	
* Police Portable and Vehicle Radio Replacement (YB06A)	-	821.9	456.7	100.8	1,144.5	1,144.5	72	
Police Special Investigations Building (B1301, B1302)	(2,686.8)	2,688.8	-	-	-	2,688.8	73	
Policy & Standards Management Software (M1307, M1308)	-	47.9	-	-	-	47.9	73	
Powerline Interceptor Channel (F0605)	(2.8)	2.8	-	1,112.6	1,112.6	2,228.0	55	
Preserve Trail, Habitat & Safety Improvements (P1301)	(14.4)	127.0	30.0	30.0	30.0	30.0	61	
Public Records and Litigation Document Review Software (JA01A)	-	200.0	-	-	-	200.0	86	
Public Safety Radio Network Lifecycle Project (TEMP1485)	-	-	-	1,299.8	151.8	151.8	1,603.4	66
Public Safety Radio System-Phase I (M0615)	(19,818.3)	22,050.0	-	-	-	22,050.0	73	
Radio Telemetry Monitoring Automation Citywide - Wastewater (V4001)	(1,018.3)	2,105.5	200.0	200.0	100.0	250.0	120	
Radio Telemetry Monitoring Automation Citywide - Water (W4001)	(2,157.7)	2,714.4	200.0	200.0	75.0	150.0	131	
Raintree Drive Extension - 76th Place to Hayden Road (SA01A)	(2.4)	16,947.0	2,371.0	-	-	19,318.0	101	
Raintree Drive Extension: Hayden Road to Loop 101 (TEMP1509)	-	-	1,006.0	1,500.0	6,500.0	9,006.0	101	
Raintree/Loop 101 Interchange (TEMP1184)	-	-	-	1,006.0	500.0	3,017.1	102	
Raintree/Redfield: Scottsdale Road to Hayden Road (SB03A)	-	614.0	5,030.0	-	-	5,644.0	102	
Reclamation Regulatory Compliance (VA02A)	-	250.0	-	-	-	250.0	121	
Reconstruct & Strengthen Taxiway "A" and Exits (AA03A)	-	9,000.0	-	-	-	9,000.0	96	
Reconstruct & Strengthen Taxiway "B" and Exits (A1204)	(329.2)	9,000.0	-	-	-	9,000.0	96	
Reconstruct and Strengthen Runway 03/21 (AB01A)	-	600.0	5,400.0	-	-	6,000.0	96	
Reconstruct Taxiway "C" (TEMP975)	-	-	-	-	40.0	360.0	400.0	97
Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation (JB04A, JB04B)	-	95.9	-	299.8	-	395.7	74	
Relocate and Build FS613 (BB01A)	-	723.6	-	5,018.3	-	5,741.9	66	
Removal and Replacement of Sodium Hypochlorite Generation System (WB01A)	-	1,600.0	-	-	-	1,600.0	131	
Replace Drainage Grates (SB05A)	-	159.0	159.0	159.0	159.0	159.0	102	
Replace Electrical Pullboxes - Main Apron (AA01A)	-	70.0	-	-	-	70.0	97	
Runway Safety Enhancements Phase 2 (A0802)	(2,955.5)	4,970.0	-	-	-	4,970.0	97	
RWDS Improvements (V0502)	(8,496.0)	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	121	
Sanitary Sewer Lateral Rehabilitation (VB02A)	-	50.0	50.0	50.0	50.0	50.0	121	
Scottsdale City Court Cash Office Remodel (BA01A)	(91.5)	115.0	-	-	-	115.0	77	

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Alphabetical

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway (S7005)	(31,068.9)	49,074.5	-	-	-	-	49,074.5	103
Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak (S0311)	(11,647.3)	13,087.4	-	-	-	-	13,087.4	103
Scottsdale Road Preservation Streetscape Enhancement (D0205)	(21,996.5)	26,940.0	-	-	-	-	26,940.0	45
Scottsdale Stadium Improvements (PA01A, PA01C, PA01B)	(935.5)	951.1	-	-	-	-	951.1	48
Scottsdale Stadium Infrastructure Improvements (P1310)	(57.7)	1,094.6	202.2	202.2	202.2	202.2	1,903.4	49
Scottsdale's Museum of the West (DA05A, D1301)	(13,005.5)	13,600.0	-	-	-	-	13,600.0	45
Secondary Clarifier Rehabilitation (VA08A)	-	2,310.0	-	-	-	-	2,310.0	122
Shea Underpass Access at 124th Street (TEMP1192, TB02A)	-	158.0	1,253.0	-	-	-	1,411.0	113
* Sidewalk Improvements (YA20A)	(187.1)	350.0	-	-	-	-	350.0	113
* Sidewalk Improvements (YB20A)	-	350.0	350.0	350.0	350.0	350.0	1,750.0	113
SIS Buildout (BA02B, BA02A)	(1,977.2)	1,955.0	-	-	-	-	1,955.0	74
Site 71 Well Site and Water Booster Station (WA02A)	(1,731.8)	5,000.0	-	-	-	-	5,000.0	132
SkySong - ASU Scottsdale Center for Innovation (D0508)	(38,120.3)	38,173.0	-	-	-	-	38,173.0	45
Skysong Center Transit Passenger Facility and Sidewalk Improvements (G1009, G1308, T0601, G1309, G1310)	(2,162.6)	4,617.4	-	-	-	-	4,617.4	114
Solid Waste Vehicle Monitoring System (JA12A)	(3.9)	650.0	-	-	-	-	650.0	87
South Area Access Control (PA02A)	(191.4)	900.0	150.0	150.0	150.0	150.0	1,500.0	62
South Area Trail Construction (P1101)	(401.7)	990.0	-	-	-	-	990.0	62
Southbound Loop 101 Frontage Road Connections (SB01A)	-	503.0	3,857.0	-	-	-	4,360.0	103
Southwest Waterline Replacements (W1302)	(1,120.8)	1,215.0	-	-	-	-	1,215.0	132
Sports Lighting Expansion & Upgrade (P9904)	(4,129.2)	4,663.7	-	-	-	-	4,663.7	49
SROG Operations & Solids Improvements (V1301)	-	1,500.0	-	-	-	-	1,500.0	122
SROG Sewage Transmission Line (V0402)	(9,379.0)	17,267.0	3,000.0	10,000.0	-	-	30,267.0	122
SROG SRO / SAI Interceptor Odor Control (VA04A)	-	10,760.0	-	-	-	-	10,760.0	123
* SROG Wastewater Treatment Plant (YA24A)	-	500.0	-	-	-	-	500.0	123
* SROG Wastewater Treatment Plant (YB24A)	-	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0	123
SROG Water Reclamation Capacity Management (V0706)	(568.6)	1,016.3	-	-	-	-	1,016.3	124
Street Operations Work and Asset Management System (JA11A)	-	168.0	-	-	-	-	168.0	87
Telephone Interception Equipment (JA04A, JA04B)	(183.4)	196.2	-	-	-	-	196.2	74
Thomas Road Bicycle Lanes and Enhanced Sidewalks (T0606)	(6,493.4)	6,926.9	-	-	-	-	6,926.9	114
Thompson Peak Parkway and Paradise Lane Intersection Improvements (TA04A)	(231.2)	290.9	-	-	-	-	290.9	107
Tom's Thumb Trailhead (P0902)	(3,305.2)	3,400.0	-	-	-	-	3,400.0	62
Tonopah Recharge Basin (WB11A)	-	870.0	870.0	-	-	-	1,740.0	132
Tony Nelssen Equestrian Center Expansion (D1102, DA06A)	(46,746.5)	47,000.0	-	-	-	-	47,000.0	46

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

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(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
TPC Clubhouse and Stadium Course Renovations (PA03A, P1309)	(13,584.5)	14,055.0	-	-	-	-	14,055.0	46
* Traffic Management Program - ITS (YB22A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	107
* Traffic Management Program - ITS (YA22A)	(435.2)	800.0	-	-	-	-	800.0	108
* Traffic Management Program - ITS (Y1322)	(802.4)	849.8	-	-	-	-	849.8	108
* Traffic Management Program-ITS (Y1222)	(489.7)	500.0	-	-	-	-	500.0	108
* Traffic Signal Construction (YB23A)	-	300.0	300.0	300.0	300.0	300.0	1,500.0	108
* Trail Improvement Program (YB18A)	-	650.0	500.0	500.0	500.0	500.0	2,650.0	114
* Trail Improvement Program (YA18A)	(31.3)	650.0	-	-	-	-	650.0	115
Transfer Station Crane Replacement (EA01A)	(162.4)	212.9	-	-	-	-	212.9	78
Transfer Station Expansion (B0902)	(1,201.2)	3,675.0	-	-	-	-	3,675.0	78
Transit Vehicle Refurbishment (T0607)	(53.8)	150.0	-	-	-	-	150.0	115
Upper Camelback Wash Watershed (F0203)	(16,068.0)	17,710.0	-	-	-	-	17,710.0	55
Wastewater Collection System Improvements (VA09B, VA06A, VA05C, VB06A)	(94.3)	14,967.9	7,100.0	7,000.0	5,000.0	4,000.0	38,067.9	125
Wastewater Collection System Improvements (VA05B, V3704)	(53,757.6)	52,451.1	-	-	-	-	52,451.1	124
Wastewater Impact Fees (TEMP1531)	-	-	10.0	-	-	-	10.0	125
Wastewater Oversizing (V0703)	(1,831.1)	1,985.6	-	50.0	-	50.0	2,085.6	125
Wastewater Technology Master Plan (VB01A)	-	240.0	-	-	-	100.0	340.0	126
Water and Sewer System Optimization (W1101)	(1,469.0)	1,500.0	-	-	-	-	1,500.0	133
Water Campus Vadose Well Rehabilitation (WB17A)	-	260.0	125.0	125.0	155.0	50.0	715.0	133
Water Distribution System Improvements (W9912)	(64,812.5)	63,915.5	-	-	-	-	63,915.5	133
Water Distribution System Improvements (WB15A)	-	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5	134
Water Impact Fees (TEMP1529)	-	-	10.0	-	-	-	10.0	134
Water Meter Replacement Program (WB03A)	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	134
Water Oversizing (W0710)	(7,657.2)	8,204.5	-	-	-	-	8,204.5	135
Water Participation Program (W0801)	(587.8)	2,000.0	-	-	-	750.0	2,750.0	135
Water Quality Regulatory Compliance Programs (W0709)	(1,443.5)	2,100.0	-	-	-	-	2,100.0	135
Water Reclamation Participation Program (V0801)	(1,879.8)	3,350.0	-	-	-	750.0	4,100.0	126
Water Reclamation Security Enhancements (V0704)	(2,614.9)	3,036.0	330.0	280.0	300.0	400.0	4,346.0	126
Water Resources Impact Fees (TEMP1530)	-	-	10.0	-	-	-	10.0	136
* Water System Security Enhancements (YA26A)	(338.4)	350.0	-	-	-	-	350.0	136
* Water System Security Enhancements (YB26A)	-	440.0	460.0	430.0	410.0	280.0	2,020.0	136
Water Technology Master Plan (WB09A)	-	360.0	-	-	-	150.0	510.0	136
Water Treatment Plant Membranes (WB08A)	-	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5	137
Well Sites (W4708)	(21,922.0)	21,911.7	-	-	-	-	21,911.7	137
Well Sites (WB13A)	-	1,115.4	-	-	-	-	1,115.4	137
Well Sites Rehabilitation (W0708)	(2,081.8)	4,000.0	-	-	-	-	4,000.0	138
WestWorld Events Paving & Show Office Improvements (DA01A)	(4,331.6)	4,300.0	-	-	-	-	4,300.0	46
WestWorld Improvements (W1104)	(186.3)	900.0	-	-	-	-	900.0	138
WestWorld Public Art Improvements (DA04A)	-	380.0	-	-	-	-	380.0	47
Westworld Trail Connections (TEMP1193)	-	-	632.0	4,480.0	-	-	5,112.0	115
Wide Area Network Fiber (M0706)	(116.3)	465.9	-	-	-	-	465.9	87

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

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(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Zone 14/16 Water Improvements Phase 2 (WB07A)	-	1,000.0	9,000.0	4,446.3	-	-	14,446.3 138

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

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(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Administrative Services							
* CityCable Audio/Video Equipment Replacements (YA04A)	(68.7)	65.8	-	-	-	65.8	79
* CityCable Audio/Video Equipment Replacements (YB04A)	-	40.9	161.3	-	200.6	472.6	79
* CityCable Audio/Video Equipment Replacements (Y1304)	(167.1)	170.0	-	-	-	170.0	80
HR - Automation System (M0904)	(89.6)	90.0	-	-	-	90.0	80
IT - Information Lifecycle Management (M1201)	-	210.0	-	-	-	210.0	81
* IT - Network Infrastructure (YA07A)	(286.6)	320.0	-	-	-	320.0	81
* IT - Network Infrastructure (YB07A)	-	447.0	370.0	367.0	381.5	1,985.2	82
* IT - Network Infrastructure (Y1307)	(333.2)	417.1	-	-	-	417.1	82
* IT - Server Infrastructure (YA08A)	(654.6)	1,024.4	-	-	-	1,024.4	83
* IT - Server Infrastructure (YB08A)	-	901.5	1,043.5	647.3	367.3	4,936.2	83
* IT - Server Infrastructure (Y1308)	(40.6)	208.9	-	-	-	208.9	84
IT - Telephone System Upgrade (M0906)	(492.2)	630.0	-	-	-	630.0	84
IT-Web Content Management SW (M0506)	(234.1)	298.4	-	-	-	298.4	84
Mobile Network Software (M1101)	(54.9)	346.3	-	-	-	346.3	85
Network Infrastructure Extension (M0707)	(727.7)	862.5	-	-	-	862.5	85
Public Safety Radio Network Lifecycle Project (TEMP1485)	-	-	-	1,299.8	151.8	1,603.4	66
Public Safety Radio System-Phase I (M0615)	(19,818.3)	22,050.0	-	-	-	22,050.0	73
Wide Area Network Fiber (M0706)	(116.3)	465.9	-	-	-	465.9	87
City Attorney							
Public Records and Litigation Document Review Software (JA01A)	-	200.0	-	-	-	200.0	86
City Court							
Document Management System - Courts (M9906)	(254.0)	400.0	-	-	-	400.0	80
Scottsdale City Court Cash Office Remodel (BA01A)	(91.5)	115.0	-	-	-	115.0	77
City Treasurer							
CIP Contingency (Z9400)	-	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0	79
CIP Contingency for Future Grants (Z9401)	-	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	79
Online Bill Payment and Presentment System (JA02A)	-	381.5	-	-	-	381.5	85
Payroll System Replacement (JB01A)	-	350.1	100.0	-	-	450.1	86
Community and Economic Development							
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB02A)	-	750.0	-	-	-	750.0	98
5th Avenue Drainage Project (GA02A)	-	250.0	-	-	-	250.0	52
Advanced Traffic Signal Control Cabinets - Phase I (TEMP1190)	-	-	721.0	-	-	721.0	104
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	-	721.0	-	721.0	104
Airpark Area Access Projects Phase I (S1103)	(8,058.1)	8,098.2	-	-	-	8,098.2	98
Airport - Future Grants (A0509)	-	5,500.1	-	-	-	5,500.1	92
Airport Master Plan (A0706)	(533.3)	550.7	-	-	-	550.7	92

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Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Community and Economic Development								
Airport Pavement Preservation Program (AB02A)	-	100.0	100.0	100.0	100.0	100.0	500.0	92
Airport Pavement Preservation Program (A0710)	(598.0)	813.0	-	-	-	-	813.0	92
Airport Security System Improvements (A0903)	(81.1)	120.0	-	-	-	-	120.0	93
Airport Terminal Remodel (AA02A)	-	400.0	-	-	-	-	400.0	93
Apron Reconstruction - Delta Apron (TEMP1467)	-	-	-	220.0	1,980.0	-	2,200.0	93
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (G1303, T1303)	(438.2)	4,111.7	-	-	-	-	4,111.7	109
Aviation Grant Match Contingency (A0504)	-	250.0	-	-	-	-	250.0	93
* Bikeways Program (YB28A)	-	850.0	850.0	600.0	600.0	600.0	3,500.0	109
* Bikeways Program (Y1328)	(304.9)	350.0	-	-	-	-	350.0	109
* Bus Stop Improvements (YA17A)	(20.9)	150.0	-	-	-	-	150.0	110
* Bus Stop Improvements (Y1017)	(537.2)	576.0	-	-	-	-	576.0	110
* Bus Stop Improvements (Y1117)	(15.4)	200.0	-	-	-	-	200.0	110
* Bus Stop Improvements (Y1317)	(35.3)	150.0	-	-	-	-	150.0	111
Chaparral Road Traffic Calming, Sewer & Drainage Improvements - Scottsdale Road to 69th Place (TA03A)	(143.1)	1,205.1	-	-	-	-	1,205.1	104
* CIP Advance Planning Program (Y0718)	(2,113.0)	2,257.3	-	-	-	-	2,257.3	98
Construct Airport Operations/Maintenance (A1201)	(415.4)	3,000.0	-	-	-	-	3,000.0	94
Crosscut Canal Bridge and Path (TA05A, GA03A)	(0.3)	452.2	445.4	-	-	-	897.6	111
Desert Discovery Center (D1001)	(19.9)	500.0	-	-	-	-	500.0	59
Desert Discovery Phase III (D1101)	(132.3)	140.0	-	-	-	-	140.0	59
Design and Construct Retention Basin Improvements (A0705)	(421.2)	713.1	-	-	-	-	713.1	94
Design/Construct East Parcel Apron/Taxiway (TEMP1028)	-	-	130.0	1,170.0	-	-	1,300.0	94
Downtown Pedestrian Improvements (T0801)	(513.6)	600.0	-	-	-	-	600.0	111
East Union Hills Interceptor Channel (F0401)	(249.4)	249.4	-	845.7	845.7	-	1,940.8	52
Environmental Assessment for Land Acquisition (A1302)	-	250.0	-	-	-	-	250.0	95
Erosion Protection/Wildlife Mitigation - Runway Approach Area (TEMP1465)	-	-	-	500.1	-	-	500.1	95
Frank Lloyd Wright-Scottsdale Rd to Shea (S0304)	(1,471.8)	2,467.5	-	-	-	-	2,467.5	99
Granite Reef Watershed (F0201)	(1,225.0)	8,826.8	4,372.2	4,080.0	2,592.0	31,184.6	51,055.6	52
Hayden Road / Chaparral Intersection Improvements (TA01A)	-	850.0	-	-	-	-	850.0	105
Hayden/Thomas Safety Improvements (T1201, G1206)	(130.1)	2,142.2	2,928.0	-	-	-	5,070.2	105
Highway Advisory Radio System (GB01A, TB01A)	-	417.0	-	-	-	-	417.0	105
* Intersection Mobility Enhancements (YA19B, YA19A)	(573.6)	919.2	-	-	-	-	919.2	106
* Intersection Mobility Enhancements (YB19A)	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	106
ITS/Signal System Upgrades (T0902)	(242.0)	1,850.0	-	-	-	-	1,850.0	106
Land Acquisition - East Parcel (A1301)	(13.5)	6,500.0	-	-	-	-	6,500.0	95
Levee Certification and Rehabilitation (F0801)	(397.3)	400.0	-	-	-	-	400.0	53
Loop 101 Detention Basin (F0701)	(1,747.8)	2,473.2	-	1,361.9	1,311.9	-	5,147.0	53
Loop 101 Detention Basin Outfall (F0602)	(0.1)	0.1	-	1,722.5	1,722.5	-	3,445.1	53

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Division

(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Community and Economic Development							
Marshall Way Entry Feature (DA02A)	-	150.0	-	-	-	150.0	44
McDowell Road Bridge over Indian Bend Wash (T0605, G1101)	(3,715.3)	3,786.5	-	-	-	3,786.5	112
Mustang Transit Passenger Facility (T0502, G1008, G1010, T9902)	(756.2)	8,621.4	-	-	-	8,621.4	112
* Neighborhood Stormwater Management Improvements (YA05A)	(15.8)	782.0	-	-	-	782.0	54
* Neighborhood Stormwater Management Improvements (YB05A)	-	500.0	500.0	500.0	500.0	2,500.0	54
* Neighborhood Stormwater Management Improvements (Y1305)	(196.7)	500.0	-	-	-	500.0	54
* Neighborhood Traffic Management Program (YB21A)	-	250.0	250.0	250.0	250.0	1,250.0	106
* Neighborhood Traffic Management Program (YA21A)	-	250.0	-	-	-	250.0	107
* Neighborhood Traffic Management Program (Y1321)	(44.7)	250.0	-	-	-	250.0	107
North Canal Bank Improvements - Marshall Way to Goldwater (TA02A)	(250.8)	1,946.0	-	-	-	1,946.0	112
Northsight Boulevard Extension (S1301)	(7,384.8)	8,125.4	-	-	-	8,125.4	99
Pave 3 Dirt Roads (GA04A, TA06A)	-	1,344.5	-	-	-	1,344.5	113
Pima Road - McDowell to 90th Street/Via Linda (S1101)	(1,208.3)	2,248.0	13,307.0	2,756.0	6,707.0	6,326.0	31,344.0
Pima Road - Pinnacle Peak to Happy Valley (TEMP1019)	-	-	-	-	3,621.0	4,571.0	8,192.0
Pima Road Drainage System (F0503)	(3,299.3)	4,224.3	-	1,087.2	1,087.2	-	6,398.7
Pima Road: Via Linda to Via de Ventura (SB04A)	-	1,912.0	-	-	-	-	1,912.0
Powerline Interceptor Channel (F0605)	(2.8)	2.8	-	1,112.6	1,112.6	-	2,228.0
Raintree Drive Extension - 76th Place to Hayden Road (SA01A)	(2.4)	16,947.0	2,371.0	-	-	-	19,318.0
Raintree Drive Extension: Hayden Road to Loop 101 (TEMP1509)	-	-	1,006.0	1,500.0	6,500.0	-	9,006.0
Raintree/Loop 101 Interchange (TEMP1184)	-	-	-	1,006.0	500.0	3,017.1	4,523.1
Raintree/Redfield: Scottsdale Road to Hayden Road (SB03A)	-	614.0	5,030.0	-	-	-	5,644.0
Reconstruct & Strengthen Taxiway "A" and Exits (AA03A)	-	9,000.0	-	-	-	-	9,000.0
Reconstruct & Strengthen Taxiway "B" and Exits (A1204)	(329.2)	9,000.0	-	-	-	-	9,000.0
Reconstruct and Strengthen Runway 03/21 (AB01A)	-	600.0	5,400.0	-	-	-	6,000.0
Reconstruct Taxiway "C" (TEMP975)	-	-	-	-	40.0	360.0	400.0
Replace Electrical Pullboxes - Main Apron (AA01A)	-	70.0	-	-	-	-	70.0
Runway Safety Enhancements Phase 2 (A0802)	(2,955.5)	4,970.0	-	-	-	-	4,970.0
Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway (S7005)	(31,068.9)	49,074.5	-	-	-	-	49,074.5
Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak (S0311)	(11,647.3)	13,087.4	-	-	-	-	13,087.4
Scottsdale Road Preservation Streetscape Enhancement (D0205)	(21,996.5)	26,940.0	-	-	-	-	26,940.0
Scottsdale's Museum of the West (DA05A, D1301)	(13,005.5)	13,600.0	-	-	-	-	13,600.0

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Division

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Community and Economic Development								
Shea Underpass Access at 124th Street (TEMP1192, TB02A)	-	158.0	1,253.0	-	-	-	1,411.0	113
* Sidewalk Improvements (YA20A)	(187.1)	350.0	-	-	-	-	350.0	113
* Sidewalk Improvements (YB20A)	-	350.0	350.0	350.0	350.0	350.0	1,750.0	113
Skysong Center Transit Passenger Facility and Sidewalk Improvements (G1009, G1308, T0601, G1309, G1310)	(2,162.6)	4,617.4	-	-	-	-	4,617.4	114
Southbound Loop 101 Frontage Road Connections (SB01A)	-	503.0	3,857.0	-	-	-	4,360.0	103
Thomas Road Bicycle Lanes and Enhanced Sidewalks (T0606)	(6,493.4)	6,926.9	-	-	-	-	6,926.9	114
Thompson Peak Parkway and Paradise Lane Intersection Improvements (TA04A)	(231.2)	290.9	-	-	-	-	290.9	107
Tony Nelssen Equestrian Center Expansion (D1102, DA06A)	(46,746.5)	47,000.0	-	-	-	-	47,000.0	46
* Traffic Management Program - ITS (YB22A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	107
* Traffic Management Program - ITS (YA22A)	(435.2)	800.0	-	-	-	-	800.0	108
* Traffic Management Program - ITS (Y1322)	(802.4)	849.8	-	-	-	-	849.8	108
* Traffic Management Program-ITS (Y1222)	(489.7)	500.0	-	-	-	-	500.0	108
* Traffic Signal Construction (YB23A)	-	300.0	300.0	300.0	300.0	300.0	1,500.0	108
* Trail Improvement Program (YB18A)	-	650.0	500.0	500.0	500.0	500.0	2,650.0	114
* Trail Improvement Program (YA18A)	(31.3)	650.0	-	-	-	-	650.0	115
Transit Vehicle Refurbishment (T0607)	(53.8)	150.0	-	-	-	-	150.0	115
Upper Camelback Wash Watershed (F0203)	(16,068.0)	17,710.0	-	-	-	-	17,710.0	55
WestWorld Events Paving & Show Office Improvements (DA01A)	(4,331.6)	4,300.0	-	-	-	-	4,300.0	46
WestWorld Public Art Improvements (DA04A)	-	380.0	-	-	-	-	380.0	47
Westworld Trail Connections (TEMP1193)	-	-	632.0	4,480.0	-	-	5,112.0	115
Community Services								
Adaptive Recreation Building Remodel (G1307, P1311)	(511.7)	641.0	-	-	-	-	641.0	44
Ballfield Lighting System Replacement Phase I (PB02A)	-	883.0	-	-	-	-	883.0	48
Belleview Land Acquisition (D1303)	(279.0)	300.0	-	-	-	-	300.0	44
Belleview Property Improvements (DA03A)	(840.9)	950.0	-	-	-	-	950.0	44
Browns Ranch Area Trail Construction (P1307)	(439.0)	708.8	-	-	-	-	708.8	58
Brown's Ranch Trailhead (P1102)	(3,563.6)	4,075.0	-	-	-	-	4,075.0	58
Central Area Trail Construction (D0702)	(406.2)	872.5	-	-	-	-	872.5	58
Indian Bend Wash Lakes Phase I (PB01A)	-	3,240.0	-	-	-	-	3,240.0	48
Lost Dog Wash Trailhead Paving and Trail (P1302)	(306.6)	450.0	-	-	-	-	450.0	60
North Area Access Control & Stabilization (P1305)	(1,107.7)	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0	60
North Area Trail Construction (P1001)	(1,354.3)	2,600.0	100.0	100.0	100.0	100.0	3,000.0	61
Pima/Dynamite Trailhead (PB03A)	-	500.0	3,000.0	500.0	-	-	4,000.0	61
Preserve Trail, Habitat & Safety Improvements (P1301)	(14.4)	127.0	30.0	30.0	30.0	30.0	247.0	61
Scottsdale Stadium Improvements (PA01A, PA01C, PA01B)	(935.5)	951.1	-	-	-	-	951.1	48

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Division

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Community Services								
Scottsdale Stadium Infrastructure Improvements (P1310)	(57.7)	1,094.6	202.2	202.2	202.2	202.2	1,903.4	49
South Area Access Control (PA02A)	(191.4)	900.0	150.0	150.0	150.0	150.0	1,500.0	62
South Area Trail Construction (P1101)	(401.7)	990.0	-	-	-	-	990.0	62
Sports Lighting Expansion & Upgrade (P9904)	(4,129.2)	4,663.7	-	-	-	-	4,663.7	49
Tom's Thumb Trailhead (P0902)	(3,305.2)	3,400.0	-	-	-	-	3,400.0	62
TPC Clubhouse and Stadium Course Renovations (PA03A, P1309)	(13,584.5)	14,055.0	-	-	-	-	14,055.0	46
Public Safety - Fire								
Cactus Acres Fire Station 8 (B0803)	(5,966.1)	6,090.9	-	-	-	-	6,090.9	65
Desert Foothills Fire Station 13 (B0403)	(1,374.5)	2,275.0	-	-	-	-	2,275.0	65
Eldorado Park Fire Station 1-Relocate Existing S. Quadrant (B0601)	(3,782.4)	3,941.8	-	-	-	-	3,941.8	65
Fire Radio Replacement (JA14A)	(1,056.5)	1,208.6	-	-	-	-	1,208.6	66
Relocate and Build FS613 (BB01A)	-	723.6	-	5,018.3	-	-	5,741.9	66
Public Safety - Police								
3D Laser Scanner (JA05A, JA05B)	(88.3)	97.0	-	-	-	-	97.0	67
9-1-1 Communication Equipment Replacement (JA03A, JA03B)	(796.0)	1,128.3	-	-	-	-	1,128.3	67
9-1-1 Voice Logging Recorder Replacement (M1206)	(209.8)	237.3	-	-	-	-	237.3	67
Additional Servers for Digital Evidence and Forensic Recovery - Allocation (JB05B, JB05A)	-	170.0	-	-	-	-	170.0	67
Advanced Authentication via HID Cards (JA07A, JA07B)	(44.9)	52.3	-	-	-	-	52.3	68
Advanced Mobile Solutions - Allocation (JB03A, JB03B)	-	70.9	34.9	-	-	-	105.8	68
Allocation and Deployment Software (M1301, M1302)	(61.0)	71.9	-	-	-	-	71.9	68
Cameras & Communication Equipment for Special Events and Surveillance Investigations-Allocation (JB02B, JB02A)	-	109.0	43.6	-	-	-	152.6	69
* Crime Laboratory Equipment Replacement (YB03B, YB03A)	-	229.0	141.7	234.4	239.8	332.5	1,177.4	69
* Crime Laboratory Equipment Replacement (YA03A, YA03B)	(133.2)	147.2	-	-	-	-	147.2	70
District 2 Jail IP Video Monitoring System - Allocation (JA13A, JA13B)	(199.6)	217.6	-	-	-	-	217.6	70
Lab Information Management System (LIMS) Integration (M1305, M1306)	-	112.1	-	-	-	-	112.1	70
Laser Induced Breakdown Spectrometer (JA10A, JA10B)	(75.0)	81.8	-	-	-	-	81.8	71
MetaMorpho to BIS (JA06A, JA06B)	-	81.8	-	-	-	-	81.8	71
Police – Records Management and CAD System Replacement (M0401)	(4,522.3)	4,525.0	-	-	-	-	4,525.0	71
Police Advanced Mobile Upgrades (M0810)	(776.6)	768.3	-	-	-	-	768.3	72
Police Mobile Command Center (M1205)	(766.1)	800.0	-	-	-	-	800.0	72
* Police Portable and Vehicle Radio Replacement (YB06A)	-	821.9	456.7	100.8	1,144.5	1,144.5	3,668.4	72
Police Special Investigations Building (B1301, B1302)	(2,686.8)	2,688.8	-	-	-	-	2,688.8	73

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Division

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Public Safety - Police								
Policy & Standards Management Software (M1307, M1308)	-	47.9	-	-	-	-	47.9	73
Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation (JB04A, JB04B)	-	95.9	-	299.8	-	-	395.7	74
SIS Buildout (BA02B, BA02A)	(1,977.2)	1,955.0	-	-	-	-	1,955.0	74
Telephone Interception Equipment (JA04A, JA04B)	(183.4)	196.2	-	-	-	-	196.2	74
Public Works								
Additional Compressed Natural Gas (CNG) Fuel Dispensers (BA03A)	(60.2)	434.9	-	-	-	-	434.9	76
CNG Compressor Replacement (B1303)	(560.4)	750.0	-	-	-	-	750.0	76
Expanded McDowell Sonoran Preserve (P0505)	(262,171.3)	270,182.3	-	-	-	-	270,182.3	59
Expanded McDowell Sonoran Preserve (PB04A)	-	167,967.0	-	-	-	-	167,967.0	60
* Facilities Repair and Maintenance Program (YA01A)	(1,614.8)	1,640.4	-	-	-	-	1,640.4	76
* Facilities Repair and Maintenance Program (YB01A)	-	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4	77
North Corp Yard CNG Compliance (BB02A)	-	400.0	-	-	-	-	400.0	77
* Pavement Overlay Program (YB29A)	-	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0	99
* Pavement Overlay Program (YA29A)	(3,357.2)	3,223.4	-	-	-	-	3,223.4	100
Replace Drainage Grates (SB05A)	-	159.0	159.0	159.0	159.0	159.0	795.0	102
SkySong - ASU Scottsdale Center for Innovation (D0508)	(38,120.3)	38,173.0	-	-	-	-	38,173.0	45
Solid Waste Vehicle Monitoring System (JA12A)	(3.9)	650.0	-	-	-	-	650.0	87
Street Operations Work and Asset Management System (JA11A)	-	168.0	-	-	-	-	168.0	87
Transfer Station Crane Replacement (EA01A)	(162.4)	212.9	-	-	-	-	212.9	78
Transfer Station Expansion (B0902)	(1,201.2)	3,675.0	-	-	-	-	3,675.0	78
Water Resources								
Advance Water Treatment Plant Membranes - Wastewater (VB04A)	-	401.2	-	-	-	401.2	802.4	119
Advance Water Treatment Plant Membranes - Water (WB02A)	-	70.8	-	-	-	70.8	141.6	127
Booster Pump Station 42B Infrastructure Improvements (WB04A)	-	3,915.0	-	-	-	-	3,915.0	127
Booster Station Upgrades (W9903)	(7,446.6)	8,761.3	-	-	-	-	8,761.3	127
Booster Station Upgrades (WB14A)	-	5,825.7	300.0	250.0	750.0	550.0	7,675.7	128
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB10A, VB03A)	-	200.0	1,800.0	-	-	-	2,000.0	128
Chaparral Water Treatment Plant Membrane Communications System Upgrades (WB05A)	-	1,625.0	-	-	-	-	1,625.0	128
Chaparral Water Treatment Plant Pretreatment (W1102, WA01B)	(6,826.4)	30,804.1	-	-	-	-	30,804.1	129
Cross Roads East Wastewater (V0501)	(282.9)	2,598.0	1,514.9	-	-	-	4,112.9	119
Cross Roads East Water (W0501)	(2,424.5)	3,848.0	3,183.2	-	-	-	7,031.2	129
Deep Well Recharge/Recovery Facilities (W8515)	(899.3)	5,100.0	-	-	-	-	5,100.0	129
Hydrogen Sulfide Mitigation (VA07A)	-	4,800.0	-	-	-	-	4,800.0	119
Irrigation Water Distribution System Improvements (W1103)	(46.8)	2,250.0	-	-	-	-	2,250.0	130

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

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(In thousands of dollars)

Project	Estimated Expenditures						Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast		
Water Resources								
IWDS / Harquahala Valley Irrigation District Property (WB06A)	-	5,016.0	-	-	-	-	5,016.0	130
Master Plan - Water (WB16A)	-	627.0	400.0	-	-	-	1,027.0	130
Master Plan – Water (W8525)	(2,888.9)	2,689.8	-	-	-	-	2,689.8	131
Master Plan Water Reclamation (V8620)	(3,012.4)	2,902.0	-	-	-	-	2,902.0	120
Master Plan Water Reclamation (VB07A)	-	631.4	350.0	-	-	-	981.4	120
Radio Telemetry Monitoring Automation Citywide - Wastewater (V4001)	(1,018.3)	2,105.5	200.0	200.0	100.0	250.0	2,855.5	120
Radio Telemetry Monitoring Automation Citywide - Water (W4001)	(2,157.7)	2,714.4	200.0	200.0	75.0	150.0	3,339.4	131
Reclamation Regulatory Compliance (VA02A)	-	250.0	-	-	-	-	250.0	121
Removal and Replacement of Sodium Hypochlorite Generation System (WB01A)	-	1,600.0	-	-	-	-	1,600.0	131
RWDS Improvements (V0502)	(8,496.0)	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	16,075.0	121
Sanitary Sewer Lateral Rehabilitation (VB02A)	-	50.0	50.0	50.0	50.0	50.0	250.0	121
Secondary Clarifier Rehabilitation (VA08A)	-	2,310.0	-	-	-	-	2,310.0	122
Site 71 Well Site and Water Booster Station (WA02A)	(1,731.8)	5,000.0	-	-	-	-	5,000.0	132
Southwest Waterline Replacements (W1302)	(1,120.8)	1,215.0	-	-	-	-	1,215.0	132
SROG Operations & Solids Improvements (V1301)	-	1,500.0	-	-	-	-	1,500.0	122
SROG Sewage Transmission Line (V0402)	(9,379.0)	17,267.0	3,000.0	10,000.0	-	-	30,267.0	122
SROG SRO / SAI Interceptor Odor Control (VA04A)	-	10,760.0	-	-	-	-	10,760.0	123
* SROG Wastewater Treatment Plant (YA24A)	-	500.0	-	-	-	-	500.0	123
* SROG Wastewater Treatment Plant (YB24A)	-	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0	123
SROG Water Reclamation Capacity Management (V0706)	(568.6)	1,016.3	-	-	-	-	1,016.3	124
Tonopah Recharge Basin (WB11A)	-	870.0	870.0	-	-	-	1,740.0	132
Wastewater Collection System Improvements (VA09B, VA06A, VA05C, VB06A)	(94.3)	14,967.9	7,100.0	7,000.0	5,000.0	4,000.0	38,067.9	125
Wastewater Collection System Improvements (VA05B, V3704)	(53,757.6)	52,451.1	-	-	-	-	52,451.1	124
Wastewater Impact Fees (TEMP1531)	-	-	10.0	-	-	-	10.0	125
Wastewater Oversizing (V0703)	(1,831.1)	1,985.6	-	50.0	-	50.0	2,085.6	125
Wastewater Technology Master Plan (VB01A)	-	240.0	-	-	-	100.0	340.0	126
Water and Sewer System Optimization (W1101)	(1,469.0)	1,500.0	-	-	-	-	1,500.0	133
Water Campus Vadose Well Rehabilitation (WB17A)	-	260.0	125.0	125.0	155.0	50.0	715.0	133
Water Distribution System Improvements (W9912)	(64,812.5)	63,915.5	-	-	-	-	63,915.5	133
Water Distribution System Improvements (WB15A)	-	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5	134
Water Impact Fees (TEMP1529)	-	-	10.0	-	-	-	10.0	134
Water Meter Replacement Program (WB03A)	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	134
Water Oversizing (W0710)	(7,657.2)	8,204.5	-	-	-	-	8,204.5	135
Water Participation Program (W0801)	(587.8)	2,000.0	-	-	-	750.0	2,750.0	135
Water Quality Regulatory Compliance Programs (W0709)	(1,443.5)	2,100.0	-	-	-	-	2,100.0	135
Water Reclamation Participation Program (V0801)	(1,879.8)	3,350.0	-	-	-	750.0	4,100.0	126

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Division

(In thousands of dollars)

Project	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
	Expenditures Thru 06/30/14	Adopted	Forecast	Forecast	Forecast	Forecast		
Water Resources								
Water Reclamation Security Enhancements (V0704)	(2,614.9)	3,036.0	330.0	280.0	300.0	400.0	4,346.0	126
Water Resources Impact Fees (TEMP1530)	-	-	10.0	-	-	-	10.0	136
* Water System Security Enhancements (YA26A)	(338.4)	350.0	-	-	-	-	350.0	136
* Water System Security Enhancements (YB26A)	-	440.0	460.0	430.0	410.0	280.0	2,020.0	136
Water Technology Master Plan (WB09A)	-	360.0	-	-	-	150.0	510.0	136
Water Treatment Plant Membranes (WB08A)	-	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5	137
Well Sites (W4708)	(21,922.0)	21,911.7	-	-	-	-	21,911.7	137
Well Sites (WB13A)	-	1,115.4	-	-	-	-	1,115.4	137
Well Sites Rehabilitation (W0708)	(2,081.8)	4,000.0	-	-	-	-	4,000.0	138
WestWorld Improvements (W1104)	(186.3)	900.0	-	-	-	-	900.0	138
Zone 14/16 Water Improvements Phase 2 (WB07A)	-	1,000.0	9,000.0	4,446.3	-	-	14,446.3	138

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Community Facilities - Neighborhood and Community							
Adaptive Recreation Building Remodel (G1307, P1311)	(511.7)	641.0	-	-	-	-	641.0 44
Belleview Land Acquisition (D1303)	(279.0)	300.0	-	-	-	-	300.0 44
Belleview Property Improvements (DA03A)	(840.9)	950.0	-	-	-	-	950.0 44
Marshall Way Entry Feature (DA02A)	-	150.0	-	-	-	-	150.0 44
Scottsdale Road Preservation Streetscape Enhancement (D0205)	(21,996.5)	26,940.0	-	-	-	-	26,940.0 45
Scottsdale's Museum of the West (DA05A, D1301)	(13,005.5)	13,600.0	-	-	-	-	13,600.0 45
SkySong - ASU Scottsdale Center for Innovation (D0508)	(38,120.3)	38,173.0	-	-	-	-	38,173.0 45
Tony Nelssen Equestrian Center Expansion (D1102, DA06A)	(46,746.5)	47,000.0	-	-	-	-	47,000.0 46
TPC Clubhouse and Stadium Course Renovations (PA03A, P1309)	(13,584.5)	14,055.0	-	-	-	-	14,055.0 46
WestWorld Events Paving & Show Office Improvements (DA01A)	(4,331.6)	4,300.0	-	-	-	-	4,300.0 46
WestWorld Public Art Improvements (DA04A)	-	380.0	-	-	-	-	380.0 47
Community Facilities - Parks/Park Improvements							
Ballfield Lighting System Replacement Phase I (PB02A)	-	883.0	-	-	-	-	883.0 48
Indian Bend Wash Lakes Phase I (PB01A)	-	3,240.0	-	-	-	-	3,240.0 48
Scottsdale Stadium Improvements (PA01A, PA01C, PA01B)	(935.5)	951.1	-	-	-	-	951.1 48
Scottsdale Stadium Infrastructure Improvements (P1310)	(57.7)	1,094.6	202.2	202.2	202.2	202.2	1,903.4 49
Sports Lighting Expansion & Upgrade (P9904)	(4,129.2)	4,663.7	-	-	-	-	4,663.7 49
Drainage and Flood Control - Drainage and Flood Control							
5th Avenue Drainage Project (GA02A)	-	250.0	-	-	-	-	250.0 52
East Union Hills Interceptor Channel (F0401)	(249.4)	249.4	-	845.7	845.7	-	1,940.8 52
Granite Reef Watershed (F0201)	(1,225.0)	8,826.8	4,372.2	4,080.0	2,592.0	31,184.6	51,055.6 52
Levee Certification and Rehabilitation (F0801)	(397.3)	400.0	-	-	-	-	400.0 53
Loop 101 Detention Basin (F0701)	(1,747.8)	2,473.2	-	1,361.9	1,311.9	-	5,147.0 53
Loop 101 Detention Basin Outfall (F0602)	(0.1)	0.1	-	1,722.5	1,722.5	-	3,445.1 53
* Neighborhood Stormwater Management Improvements (YA05A)	(15.8)	782.0	-	-	-	-	782.0 54
* Neighborhood Stormwater Management Improvements (YB05A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0 54
* Neighborhood Stormwater Management Improvements (Y1305)	(196.7)	500.0	-	-	-	-	500.0 54
Pima Road Drainage System (F0503)	(3,299.3)	4,224.3	-	1,087.2	1,087.2	-	6,398.7 55
Powerline Interceptor Channel (F0605)	(2.8)	2.8	-	1,112.6	1,112.6	-	2,228.0 55
Upper Camelback Wash Watershed (F0203)	(16,068.0)	17,710.0	-	-	-	-	17,710.0 55
Preservation - Preservation/Preservation Improvements							
Browns Ranch Area Trail Construction (P1307)	(439.0)	708.8	-	-	-	-	708.8 58
Brown's Ranch Trailhead (P1102)	(3,563.6)	4,075.0	-	-	-	-	4,075.0 58
Central Area Trail Construction (D0702)	(406.2)	872.5	-	-	-	-	872.5 58
Desert Discovery Center (D1001)	(19.9)	500.0	-	-	-	-	500.0 59

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
	Expenditures Thru 06/30/14	Adopted	Forecast	Forecast	Forecast	Forecast		
Preservation - Preservation/Preservation Improvements								
Desert Discovery Phase III (D1101)	(132.3)	140.0	-	-	-	-	140.0	59
Expanded McDowell Sonoran Preserve (P0505)	(262,171.3)	270,182.3	-	-	-	-	270,182.3	59
Expanded McDowell Sonoran Preserve (PB04A)	-	167,967.0	-	-	-	-	167,967.0	60
Lost Dog Wash Trailhead Paving and Trail (P1302)	(306.6)	450.0	-	-	-	-	450.0	60
North Area Access Control & Stabilization (P1305)	(1,107.7)	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0	60
North Area Trail Construction (P1001)	(1,354.3)	2,600.0	100.0	100.0	100.0	100.0	3,000.0	61
Pima/Dynamite Trailhead (PB03A)	-	500.0	3,000.0	500.0	-	-	4,000.0	61
Preserve Trail, Habitat & Safety Improvements (P1301)	(14.4)	127.0	30.0	30.0	30.0	30.0	247.0	61
South Area Access Control (PA02A)	(191.4)	900.0	150.0	150.0	150.0	150.0	1,500.0	62
South Area Trail Construction (P1101)	(401.7)	990.0	-	-	-	-	990.0	62
Tom's Thumb Trailhead (P0902)	(3,305.2)	3,400.0	-	-	-	-	3,400.0	62
Public Safety - Fire Protection								
Cactus Acres Fire Station 8 (B0803)	(5,966.1)	6,090.9	-	-	-	-	6,090.9	65
Desert Foothills Fire Station 13 (B0403)	(1,374.5)	2,275.0	-	-	-	-	2,275.0	65
Eldorado Park Fire Station 1-Relocate Existing S. Quadrant (B0601)	(3,782.4)	3,941.8	-	-	-	-	3,941.8	65
Fire Radio Replacement (JA14A)	(1,056.5)	1,208.6	-	-	-	-	1,208.6	66
Public Safety Radio Network Lifecycle Project (TEMP1485)	-	-	-	1,299.8	151.8	151.8	1,603.4	66
Relocate and Build FS613 (BB01A)	-	723.6	-	5,018.3	-	-	5,741.9	66
Public Safety - Police								
3D Laser Scanner (JA05A, JA05B)	(88.3)	97.0	-	-	-	-	97.0	67
9-1-1 Communication Equipment Replacement (JA03A, JA03B)	(796.0)	1,128.3	-	-	-	-	1,128.3	67
9-1-1 Voice Logging Recorder Replacement (M1206)	(209.8)	237.3	-	-	-	-	237.3	67
Additional Servers for Digital Evidence and Forensic Recovery - Allocation (JB05B, JB05A)	-	170.0	-	-	-	-	170.0	67
Advanced Authentication via HID Cards (JA07A, JA07B)	(44.9)	52.3	-	-	-	-	52.3	68
Advanced Mobile Solutions - Allocation (JB03A, JB03B)	-	70.9	34.9	-	-	-	105.8	68
Allocation and Deployment Software (M1301, M1302)	(61.0)	71.9	-	-	-	-	71.9	68
Cameras & Communication Equipment for Special Events and Surveillance Investigations-Allocation (JB02B, JB02A)	-	109.0	43.6	-	-	-	152.6	69
* Crime Laboratory Equipment Replacement (YB03B, YB03A)	-	229.0	141.7	234.4	239.8	332.5	1,177.4	69
* Crime Laboratory Equipment Replacement (YA03A, YA03B)	(133.2)	147.2	-	-	-	-	147.2	70
District 2 Jail IP Video Monitoring System - Allocation (JA13A, JA13B)	(199.6)	217.6	-	-	-	-	217.6	70
Lab Information Management System (LIMS) Integration (M1305, M1306)	-	112.1	-	-	-	-	112.1	70
Laser Induced Breakdown Spectrometer (JA10A, JA10B)	(75.0)	81.8	-	-	-	-	81.8	71
MetaMorpho to BIS (JA06A, JA06B)	-	81.8	-	-	-	-	81.8	71

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Public Safety - Police								
Police – Records Management and CAD System Replacement (M0401)	(4,522.3)	4,525.0	-	-	-	-	4,525.0	71
Police Advanced Mobile Upgrades (M0810)	(776.6)	768.3	-	-	-	-	768.3	72
Police Mobile Command Center (M1205)	(766.1)	800.0	-	-	-	-	800.0	72
* Police Portable and Vehicle Radio Replacement (YB06A)	-	821.9	456.7	100.8	1,144.5	1,144.5	3,668.4	72
Police Special Investigations Building (B1301, B1302)	(2,686.8)	2,688.8	-	-	-	-	2,688.8	73
Policy & Standards Management Software (M1307, M1308)	-	47.9	-	-	-	-	47.9	73
Public Safety Radio System-Phase I (M0615)	(19,818.3)	22,050.0	-	-	-	-	22,050.0	73
Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation (JB04A, JB04B)	-	95.9	-	299.8	-	-	395.7	74
SIS Buildout (BA02B, BA02A)	(1,977.2)	1,955.0	-	-	-	-	1,955.0	74
Telephone Interception Equipment (JA04A, JA04B)	(183.4)	196.2	-	-	-	-	196.2	74
Service Facilities - Municipal Facilities/Improvements								
Additional Compressed Natural Gas (CNG) Fuel Dispensers (BA03A)	(60.2)	434.9	-	-	-	-	434.9	76
CNG Compressor Replacement (B1303)	(560.4)	750.0	-	-	-	-	750.0	76
* Facilities Repair and Maintenance Program (YA01A)	(1,614.8)	1,640.4	-	-	-	-	1,640.4	76
* Facilities Repair and Maintenance Program (YB01A)	-	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4	77
North Corp Yard CNG Compliance (BB02A)	-	400.0	-	-	-	-	400.0	77
Scottsdale City Court Cash Office Remodel (BA01A)	(91.5)	115.0	-	-	-	-	115.0	77
Transfer Station Crane Replacement (EA01A)	(162.4)	212.9	-	-	-	-	212.9	78
Transfer Station Expansion (B0902)	(1,201.2)	3,675.0	-	-	-	-	3,675.0	78
Service Facilities - Technology Improvements								
CIP Contingency (Z9400)	-	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0	79
CIP Contingency for Future Grants (Z9401)	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	79
* CityCable Audio/Video Equipment Replacements (YA04A)	(68.7)	65.8	-	-	-	-	65.8	79
* CityCable Audio/Video Equipment Replacements (YB04A)	-	40.9	161.3	-	200.6	69.8	472.6	79
* CityCable Audio/Video Equipment Replacements (Y1304)	(167.1)	170.0	-	-	-	-	170.0	80
Document Management System - Courts (M9906)	(254.0)	400.0	-	-	-	-	400.0	80
HR - Automation System (M0904)	(89.6)	90.0	-	-	-	-	90.0	80
IT - Information Lifecycle Management (M1201)	-	210.0	-	-	-	-	210.0	81
* IT - Network Infrastructure (YA07A)	(286.6)	320.0	-	-	-	-	320.0	81
* IT - Network Infrastructure (YB07A)	-	447.0	370.0	367.0	381.5	419.7	1,985.2	82
* IT - Network Infrastructure (Y1307)	(333.2)	417.1	-	-	-	-	417.1	82
* IT - Server Infrastructure (YA08A)	(654.6)	1,024.4	-	-	-	-	1,024.4	83
* IT - Server Infrastructure (YB08A)	-	901.5	1,043.5	647.3	367.3	1,976.6	4,936.2	83
* IT - Server Infrastructure (Y1308)	(40.6)	208.9	-	-	-	-	208.9	84
IT - Telephone System Upgrade (M0906)	(492.2)	630.0	-	-	-	-	630.0	84

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Service Facilities - Technology Improvements								
IT–Web Content Management SW (M0506)	(234.1)	298.4	-	-	-	-	298.4	84
Mobile Network Software (M1101)	(54.9)	346.3	-	-	-	-	346.3	85
Network Infrastructure Extension (M0707)	(727.7)	862.5	-	-	-	-	862.5	85
Online Bill Payment and Presentment System (JA02A)	-	381.5	-	-	-	-	381.5	85
Payroll System Replacement (JB01A)	-	350.1	100.0	-	-	-	450.1	86
Public Records and Litigation Document Review Software (JA01A)	-	200.0	-	-	-	-	200.0	86
Solid Waste Vehicle Monitoring System (JA12A)	(3.9)	650.0	-	-	-	-	650.0	87
Street Operations Work and Asset Management System (JA11A)	-	168.0	-	-	-	-	168.0	87
Wide Area Network Fiber (M0706)	(116.3)	465.9	-	-	-	-	465.9	87
Transportation - Aviation/Aviation Improvements								
Airport - Future Grants (A0509)	-	5,500.1	-	-	-	-	5,500.1	92
Airport Master Plan (A0706)	(533.3)	550.7	-	-	-	-	550.7	92
Airport Pavement Preservation Program (AB02A)	-	100.0	100.0	100.0	100.0	100.0	500.0	92
Airport Pavement Preservation Program (A0710)	(598.0)	813.0	-	-	-	-	813.0	92
Airport Security System Improvements (A0903)	(81.1)	120.0	-	-	-	-	120.0	93
Airport Terminal Remodel (AA02A)	-	400.0	-	-	-	-	400.0	93
Apron Reconstruction - Delta Apron (TEMP1467)	-	-	-	220.0	1,980.0	-	2,200.0	93
Aviation Grant Match Contingency (A0504)	-	250.0	-	-	-	-	250.0	93
Construct Airport Operations/Maintenance (A1201)	(415.4)	3,000.0	-	-	-	-	3,000.0	94
Design and Construct Retention Basin Improvements (A0705)	(421.2)	713.1	-	-	-	-	713.1	94
Design/Construct East Parcel Apron/Taxiway (TEMP1028)	-	-	130.0	1,170.0	-	-	1,300.0	94
Environmental Assessment for Land Acquisition (A1302)	-	250.0	-	-	-	-	250.0	95
Erosion Protection/Wildlife Mitigation - Runway Approach Area (TEMP1465)	-	-	-	500.1	-	-	500.1	95
Land Acquisition - East Parcel (A1301)	(13.5)	6,500.0	-	-	-	-	6,500.0	95
Reconstruct & Strengthen Taxiway "A" and Exits (AA03A)	-	9,000.0	-	-	-	-	9,000.0	96
Reconstruct & Strengthen Taxiway "B" and Exits (A1204)	(329.2)	9,000.0	-	-	-	-	9,000.0	96
Reconstruct and Strengthen Runway 03/21 (AB01A)	-	600.0	5,400.0	-	-	-	6,000.0	96
Reconstruct Taxiway "C" (TEMP975)	-	-	-	-	40.0	360.0	400.0	97
Replace Electrical Pullboxes - Main Apron (AA01A)	-	70.0	-	-	-	-	70.0	97
Runway Safety Enhancements Phase 2 (A0802)	(2,955.5)	4,970.0	-	-	-	-	4,970.0	97
Transportation - Streets/Street Improvements								
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB02A)	-	750.0	-	-	-	-	750.0	98
Airpark Area Access Projects Phase I (S1103)	(8,058.1)	8,098.2	-	-	-	-	8,098.2	98
* CIP Advance Planning Program (Y0718)	(2,113.0)	2,257.3	-	-	-	-	2,257.3	98
Frank Lloyd Wright–Scottsdale Rd to Shea (S0304)	(1,471.8)	2,467.5	-	-	-	-	2,467.5	99

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Transportation - Streets/Street Improvements								
Northsight Boulevard Extension (S1301)	(7,384.8)	8,125.4	-	-	-	-	8,125.4	99
* Pavement Overlay Program (YB29A)	-	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0	99
* Pavement Overlay Program (YA29A)	(3,357.2)	3,223.4	-	-	-	-	3,223.4	100
Pima Road - McDowell to 90th Street/Via Linda (S1101)	(1,208.3)	2,248.0	13,307.0	2,756.0	6,707.0	6,326.0	31,344.0	100
Pima Road - Pinnacle Peak to Happy Valley (TEMP1019)	-	-	-	-	3,621.0	4,571.0	8,192.0	100
Pima Road: Via Linda to Via de Ventura (SB04A)	-	1,912.0	-	-	-	-	1,912.0	101
Raintree Drive Extension - 76th Place to Hayden Road (SA01A)	(2.4)	16,947.0	2,371.0	-	-	-	19,318.0	101
Raintree Drive Extension: Hayden Road to Loop 101 (TEMP1509)	-	-	1,006.0	1,500.0	6,500.0	-	9,006.0	101
Raintree/Loop 101 Interchange (TEMP1184)	-	-	-	1,006.0	500.0	3,017.1	4,523.1	102
Raintree/Redfield: Scottsdale Road to Hayden Road (SB03A)	-	614.0	5,030.0	-	-	-	5,644.0	102
Replace Drainage Grates (SB05A)	-	159.0	159.0	159.0	159.0	159.0	795.0	102
Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway (S7005)	(31,068.9)	49,074.5	-	-	-	-	49,074.5	103
Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak (S0311)	(11,647.3)	13,087.4	-	-	-	-	13,087.4	103
Southbound Loop 101 Frontage Road Connections (SB01A)	-	503.0	3,857.0	-	-	-	4,360.0	103
Transportation - Traffic/Traffic Reduction								
Advanced Traffic Signal Control Cabinets - Phase I (TEMP1190)	-	-	721.0	-	-	-	721.0	104
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	-	721.0	-	-	721.0	104
Chaparral Road Traffic Calming, Sewer & Drainage Improvements - Scottsdale Road to 69th Place (TA03A)	(143.1)	1,205.1	-	-	-	-	1,205.1	104
Hayden Road / Chaparral Intersection Improvements (TA01A)	-	850.0	-	-	-	-	850.0	105
Hayden/Thomas Safety Improvements (T1201, G1206)	(130.1)	2,142.2	2,928.0	-	-	-	5,070.2	105
Highway Advisory Radio System (GB01A, TB01A)	-	417.0	-	-	-	-	417.0	105
* Intersection Mobility Enhancements (YA19B, YA19A)	(573.6)	919.2	-	-	-	-	919.2	106
* Intersection Mobility Enhancements (YB19A)	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	106
ITS/Signal System Upgrades (T0902)	(242.0)	1,850.0	-	-	-	-	1,850.0	106
* Neighborhood Traffic Management Program (YB21A)	-	250.0	250.0	250.0	250.0	250.0	1,250.0	106
* Neighborhood Traffic Management Program (YA21A)	-	250.0	-	-	-	-	250.0	107
* Neighborhood Traffic Management Program (Y1321)	(44.7)	250.0	-	-	-	-	250.0	107
Thompson Peak Parkway and Paradise Lane Intersection Improvements (TA04A)	(231.2)	290.9	-	-	-	-	290.9	107
* Traffic Management Program - ITS (YB22A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	107
* Traffic Management Program - ITS (YA22A)	(435.2)	800.0	-	-	-	-	800.0	108
* Traffic Management Program - ITS (Y1322)	(802.4)	849.8	-	-	-	-	849.8	108
* Traffic Management Program-ITS (Y1222)	(489.7)	500.0	-	-	-	-	500.0	108

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Transportation - Traffic/Traffic Reduction								
* Traffic Signal Construction (YB23A)	-	300.0	300.0	300.0	300.0	300.0	1,500.0	108
Transportation - Transit/Transit Improvements								
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (G1303, T1303)	(438.2)	4,111.7	-	-	-	-	4,111.7	109
* Bikeways Program (YB28A)	-	850.0	850.0	600.0	600.0	600.0	3,500.0	109
* Bikeways Program (Y1328)	(304.9)	350.0	-	-	-	-	350.0	109
* Bus Stop Improvements (YA17A)	(20.9)	150.0	-	-	-	-	150.0	110
* Bus Stop Improvements (Y1017)	(537.2)	576.0	-	-	-	-	576.0	110
* Bus Stop Improvements (Y1117)	(15.4)	200.0	-	-	-	-	200.0	110
* Bus Stop Improvements (Y1317)	(35.3)	150.0	-	-	-	-	150.0	111
Crosscut Canal Bridge and Path (TA05A, GA03A)	(0.3)	452.2	445.4	-	-	-	897.6	111
Downtown Pedestrian Improvements (T0801)	(513.6)	600.0	-	-	-	-	600.0	111
McDowell Road Bridge over Indian Bend Wash (T0605, G1101)	(3,715.3)	3,786.5	-	-	-	-	3,786.5	112
Mustang Transit Passenger Facility (T0502, G1008, G1010, T9902)	(756.2)	8,621.4	-	-	-	-	8,621.4	112
North Canal Bank Improvements - Marshall Way to Goldwater (TA02A)	(250.8)	1,946.0	-	-	-	-	1,946.0	112
Pave 3 Dirt Roads (GA04A, TA06A)	-	1,344.5	-	-	-	-	1,344.5	113
Shea Underpass Access at 124th Street (TEMP1192, TB02A)	-	158.0	1,253.0	-	-	-	1,411.0	113
* Sidewalk Improvements (YA20A)	(187.1)	350.0	-	-	-	-	350.0	113
* Sidewalk Improvements (YB20A)	-	350.0	350.0	350.0	350.0	350.0	1,750.0	113
Skysong Center Transit Passenger Facility and Sidewalk Improvements (G1009, G1308, T0601, G1309, G1310)	(2,162.6)	4,617.4	-	-	-	-	4,617.4	114
Thomas Road Bicycle Lanes and Enhanced Sidewalks (T0606)	(6,493.4)	6,926.9	-	-	-	-	6,926.9	114
* Trail Improvement Program (YB18A)	-	650.0	500.0	500.0	500.0	500.0	2,650.0	114
* Trail Improvement Program (YA18A)	(31.3)	650.0	-	-	-	-	650.0	115
Transit Vehicle Refurbishment (T0607)	(53.8)	150.0	-	-	-	-	150.0	115
Westworld Trail Connections (TEMP1193)	-	-	632.0	4,480.0	-	-	5,112.0	115
Water Management - Wastewater Improvements								
Advance Water Treatment Plant Membranes - Wastewater (VB04A)	-	401.2	-	-	-	401.2	802.4	119
Cross Roads East Wastewater (V0501)	(282.9)	2,598.0	1,514.9	-	-	-	4,112.9	119
Hydrogen Sulfide Mitigation (VA07A)	-	4,800.0	-	-	-	-	4,800.0	119
Master Plan Water Reclamation (V8620)	(3,012.4)	2,902.0	-	-	-	-	2,902.0	120
Master Plan Water Reclamation (VB07A)	-	631.4	350.0	-	-	-	981.4	120
Radio Telemetry Monitoring Automation Citywide - Wastewater (V4001)	(1,018.3)	2,105.5	200.0	200.0	100.0	250.0	2,855.5	120
Reclamation Regulatory Compliance (VA02A)	-	250.0	-	-	-	-	250.0	121
RWDS Improvements (V0502)	(8,496.0)	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	16,075.0	121
Sanitary Sewer Lateral Rehabilitation (VB02A)	-	50.0	50.0	50.0	50.0	50.0	250.0	121
Secondary Clarifier Rehabilitation (VA08A)	-	2,310.0	-	-	-	-	2,310.0	122
SROG Operations & Solids Improvements (V1301)	-	1,500.0	-	-	-	-	1,500.0	122
SROG Sewage Transmission Line (V0402)	(9,379.0)	17,267.0	3,000.0	10,000.0	-	-	30,267.0	122

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Water Management - Wastewater Improvements								
SROG SRO / SAI Interceptor Odor Control (VA04A)	-	10,760.0	-	-	-	-	10,760.0	123
* SROG Wastewater Treatment Plant (YA24A)	-	500.0	-	-	-	-	500.0	123
* SROG Wastewater Treatment Plant (YB24A)	-	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0	123
SROG Water Reclamation Capacity Management (V0706)	(568.6)	1,016.3	-	-	-	-	1,016.3	124
Wastewater Collection System Improvements (VA09B, VA06A, VA05C, VB06A)	(94.3)	14,967.9	7,100.0	7,000.0	5,000.0	4,000.0	38,067.9	125
Wastewater Collection System Improvements (VA05B, V3704)	(53,757.6)	52,451.1	-	-	-	-	52,451.1	124
Wastewater Impact Fees (TEMP1531)	-	-	10.0	-	-	-	10.0	125
Wastewater Oversizing (V0703)	(1,831.1)	1,985.6	-	50.0	-	50.0	2,085.6	125
Wastewater Technology Master Plan (VB01A)	-	240.0	-	-	-	100.0	340.0	126
Water Reclamation Participation Program (V0801)	(1,879.8)	3,350.0	-	-	-	750.0	4,100.0	126
Water Reclamation Security Enhancements (V0704)	(2,614.9)	3,036.0	330.0	280.0	300.0	400.0	4,346.0	126
Water Management - Water Improvements								
Advance Water Treatment Plant Membranes - Water (WB02A)	-	70.8	-	-	-	70.8	141.6	127
Booster Pump Station 42B Infrastructure Improvements (WB04A)	-	3,915.0	-	-	-	-	3,915.0	127
Booster Station Upgrades (W9903)	(7,446.6)	8,761.3	-	-	-	-	8,761.3	127
Booster Station Upgrades (WB14A)	-	5,825.7	300.0	250.0	750.0	550.0	7,675.7	128
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB10A, VB03A)	-	200.0	1,800.0	-	-	-	2,000.0	128
Chaparral Water Treatment Plant Membrane Communications System Upgrades (WB05A)	-	1,625.0	-	-	-	-	1,625.0	128
Chaparral Water Treatment Plant Pretreatment (W1102, WA01B)	(6,826.4)	30,804.1	-	-	-	-	30,804.1	129
Cross Roads East Water (W0501)	(2,424.5)	3,848.0	3,183.2	-	-	-	7,031.2	129
Deep Well Recharge/Recovery Facilities (W8515)	(899.3)	5,100.0	-	-	-	-	5,100.0	129
Irrigation Water Distribution System Improvements (W1103)	(46.8)	2,250.0	-	-	-	-	2,250.0	130
IWDS / Harquahala Valley Irrigation District Property (WB06A)	-	5,016.0	-	-	-	-	5,016.0	130
Master Plan - Water (WB16A)	-	627.0	400.0	-	-	-	1,027.0	130
Master Plan – Water (W8525)	(2,888.9)	2,689.8	-	-	-	-	2,689.8	131
Radio Telemetry Monitoring Automation Citywide - Water (W4001)	(2,157.7)	2,714.4	200.0	200.0	75.0	150.0	3,339.4	131
Removal and Replacement of Sodium Hypochlorite Generation System (WB01A)	-	1,600.0	-	-	-	-	1,600.0	131
Site 71 Well Site and Water Booster Station (WA02A)	(1,731.8)	5,000.0	-	-	-	-	5,000.0	132
Southwest Waterline Replacements (W1302)	(1,120.8)	1,215.0	-	-	-	-	1,215.0	132
Tonopah Recharge Basin (WB11A)	-	870.0	870.0	-	-	-	1,740.0	132
Water and Sewer System Optimization (W1101)	(1,469.0)	1,500.0	-	-	-	-	1,500.0	133
Water Campus Vadose Well Rehabilitation (WB17A)	-	260.0	125.0	125.0	155.0	50.0	715.0	133
Water Distribution System Improvements (W9912)	(64,812.5)	63,915.5	-	-	-	-	63,915.5	133
Water Distribution System Improvements (WB15A)	-	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5	134

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

FY 2014/15 – 2018/19 Sorted by Program

(In thousands of dollars)

Project	Estimated	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
	Expenditures Thru 06/30/14	Adopted	Forecast	Forecast	Forecast	Forecast		
Water Management - Water Improvements								
Water Impact Fees (TEMP1529)	-	-	10.0	-	-	-	10.0	134
Water Meter Replacement Program (WB03A)	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	134
Water Oversizing (W0710)	(7,657.2)	8,204.5	-	-	-	-	8,204.5	135
Water Participation Program (W0801)	(587.8)	2,000.0	-	-	-	750.0	2,750.0	135
Water Quality Regulatory Compliance Programs (W0709)	(1,443.5)	2,100.0	-	-	-	-	2,100.0	135
Water Resources Impact Fees (TEMP1530)	-	-	10.0	-	-	-	10.0	136
* Water System Security Enhancements (YA26A)	(338.4)	350.0	-	-	-	-	350.0	136
* Water System Security Enhancements (YB26A)	-	440.0	460.0	430.0	410.0	280.0	2,020.0	136
Water Technology Master Plan (WB09A)	-	360.0	-	-	-	150.0	510.0	136
Water Treatment Plant Membranes (WB08A)	-	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5	137
Well Sites (W4708)	(21,922.0)	21,911.7	-	-	-	-	21,911.7	137
Well Sites (WB13A)	-	1,115.4	-	-	-	-	1,115.4	137
Well Sites Rehabilitation (W0708)	(2,081.8)	4,000.0	-	-	-	-	4,000.0	138
WestWorld Improvements (W1104)	(186.3)	900.0	-	-	-	-	900.0	138
Zone 14/16 Water Improvements Phase 2 (WB07A)	-	1,000.0	9,000.0	4,446.3	-	-	14,446.3	138

*Recurring Capital Maintenance Projects.



Five-Year Capital Improvement Plan

Operating Impacts

(In thousands of dollars)

Project	Forecast FY2015/16	Forecast FY2016/17	Forecast FY2017/18	Forecast FY2018/19	Total	Page #
9-1-1 Communication Equipment Replacement (JA03A, JA03B) Contractual services	27.0	28.0	30.0	30.0	115.0	67
Additional Servers for Digital Evidence and Forensic Recovery - Allocation (JB05B, JB05A) Software maintenance agreements	46.0	46.0	46.0	46.0	184.0	67
Advanced Mobile Solutions - Allocation (JB03A, JB03B) Software maintenance agreements	20.0	20.0	20.0	20.0	80.0	68
Allocation and Deployment Software (M1301, M1302) Maintenance agreement	16.0	16.0	16.0	16.0	64.0	68
Browns Ranch Area Trail Construction (P1307) Ongoing custodial costs	12.0	12.0	12.0	12.0	48.0	58
Desert Foothills Fire Station 13 (B0403) Operating supplies and station supplies	100.0	100.0	100.0	100.0	400.0	65
Lab Information Management System (LIMS) Integration (M1305, M1306) Service maintenance agreement	11.2	11.2	11.2	11.2	44.8	70
Laser Induced Breakdown Spectrometer (JA10A, JA10B) Operating supplies	10.0	10.0	10.0	10.0	40.0	71
Mustang Transit Passenger Facility (T0502, G1008, G1010, T9902) Additional lighting operation and maintenance	4.0	4.0	4.0	4.0	16.0	112
Online Bill Payment and Presentment System (JA02A) Contractual services	75.0	75.0	75.0	75.0	300.0	85
Payroll System Replacement (JB01A) Software maintenance costs	50.0	50.0	50.0	50.0	200.0	86
Police Mobile Command Center (M1205) Network and communication costs	17.0	17.0	17.0	17.0	68.0	72
Policy & Standards Management Software (M1307, M1308) Maintenance agreement	8.0	8.0	8.0	8.0	32.0	73
Public Records and Litigation Document Review Software (JA01A) Annual software maintenance	30.0	30.0	30.0	30.0	120.0	86
Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation (JB04A, JB04B)	13.2	13.2	13.2	41.0	80.6	74
Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak (S0311)	10.0	10.0	10.0	10.0	40.0	103



Five-Year Capital Improvement Plan

Operating Impacts

(In thousands of dollars)

Project	Forecast FY2015/16	Forecast FY2016/17	Forecast FY2017/18	Forecast FY2018/19	Total	Page #
Additional pavement, drainage and bridge maintenance and repair. Additional lighting operating and maintenance.						
Scottsdale Road Preservation Streetscape Enhancement (D0205) Additional landscape and art maintenance and repair. Additional lighting operation and maintenance.	50.0	50.0	50.0	50.0	200.0	45
SIS Buildout (BA02B, BA02A) Furniture and operating supplies	38.0	40.0	42.0	42.0	162.0	74
Skysong Center Transit Passenger Facility and Sidewalk Improvements (G1009, G1308, T0601, G1309, G1310) Additional landscape and art maintenance and repair, bus shelter maintenance and repair and additional lighting operation and maintenance.	44.3	44.3	44.3	44.3	177.2	114
Tom's Thumb Trailhead (P0902) Ongoing custodial costs and commodities	12.0	12.0	12.0	12.0	48.0	62
Total Forecasted Operating Impacts	593.7	596.7	600.7	628.5	2,419.6	

Notes: Operating impacts relating to projects scheduled for completion in FY2014/15 have been included in the appropriate divisional operating budget.

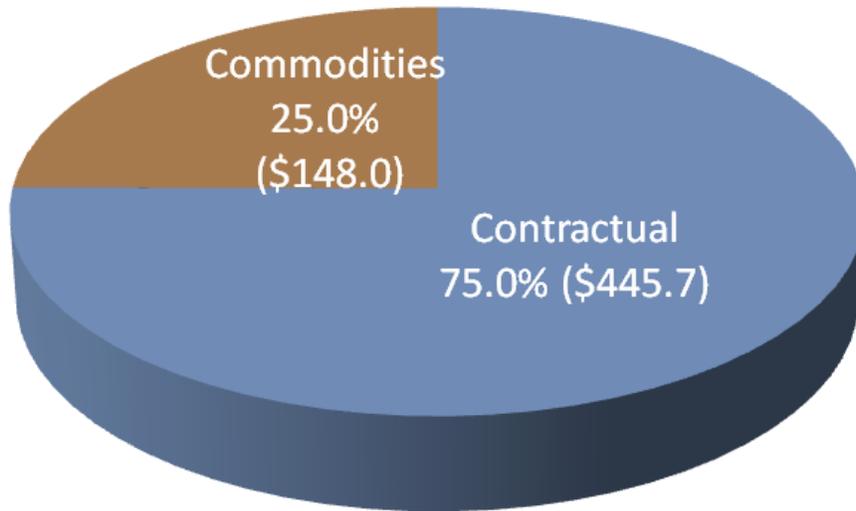
Capital Improvement Plan – Operating Impacts

Forecasted Operating Impacts

FY 2015/16

\$593.7

(in thousands)

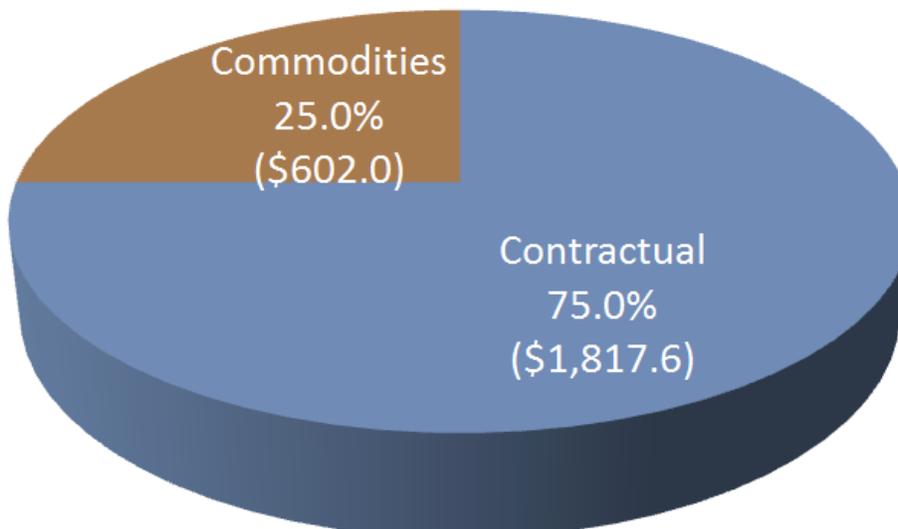


Forecasted Operating Impacts

FY 2015/16 - 2018/19

\$2,419.6

(in thousands)





FY 2014/15 Adopted Budget

Project Descriptions

(In thousands of dollars)

Community Facilities

Community Facilities programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreation facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 8.0% (\$40.6 million) of the CIP has been identified to address the needs of this program.

Project	Estimated Expenditures						Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast		
Community Facilities								
Neighborhood and Community								
Adaptive Recreation Building Remodel (G1307, P1311)	(511.7)	641.0	-	-	-	-	641.0	44
Bellevue Land Acquisition (D1303)	(279.0)	300.0	-	-	-	-	300.0	44
Bellevue Property Improvements (DA03A)	(840.9)	950.0	-	-	-	-	950.0	44
Marshall Way Entry Feature (DA02A)	-	150.0	-	-	-	-	150.0	44
Scottsdale Road Preservation Streetscape Enhancement (D0205)	(21,996.5)	26,940.0	-	-	-	-	26,940.0	45
Scottsdale's Museum of the West (DA05A, D1301)	(13,005.5)	13,600.0	-	-	-	-	13,600.0	45
SkySong - ASU Scottsdale Center for Innovation (D0508)	(38,120.3)	38,173.0	-	-	-	-	38,173.0	45
Tony Nelssen Equestrian Center Expansion (D1102, DA06A)	(46,746.5)	47,000.0	-	-	-	-	47,000.0	46
TPC Clubhouse and Stadium Course Renovations (PA03A, P1309)	(13,584.5)	14,055.0	-	-	-	-	14,055.0	46
WestWorld Events Paving & Show Office Improvements (DA01A)	(4,331.6)	4,300.0	-	-	-	-	4,300.0	46
WestWorld Public Art Improvements (DA04A)	-	380.0	-	-	-	-	380.0	47
Parks/Park Improvements								
Ballfield Lighting System Replacement Phase I (PB02A)	-	883.0	-	-	-	-	883.0	48
Indian Bend Wash Lakes Phase I (PB01A)	-	3,240.0	-	-	-	-	3,240.0	48
Scottsdale Stadium Improvements (PA01A, PA01C, PA01B)	(385.2)	951.1	-	-	-	-	951.1	48
Scottsdale Stadium Infrastructure Improvements (P1310)	(57.7)	1,094.6	202.2	202.2	202.2	202.2	1,903.4	49
Sports Lighting Expansion & Upgrade (P9904)	(4,129.2)	4,663.7	-	-	-	-	4,663.7	49

*Recurring Capital Maintenance Projects.

Adaptive Recreation Building Remodel - (G1307, P1311)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$511.7)
Location: City of Scottsdale Parks and Recreation Adaptive Recreation Services Community Center
Project Type: Construction Related
Description: Construction of a kitchen classroom which will be used to teach individuals with disabilities daily living skills fostering independence through workshops.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	265.0	-	-	-	-	265.0
Grants	376.0	-	-	-	-	376.0
Total:	641.0	-	-	-	-	641.0

Belleview Land Acquisition - (D1303)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$279.0)
Location: 7220 and 7224 E. Belleview Street, Scottsdale, Arizona
Project Type: Construction Related
Description: Purchase of property in order to ensure continued use as affordable housing in order to comply with Department of Housing and Urban Development (HUD) requirements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	300.0	-	-	-	-	300.0
Total:	300.0	-	-	-	-	300.0

Belleview Property Improvements - (DA03A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$840.9)
Location: 7220 and 7224 East Belleview Street, Scottsdale, Arizona
Project Type: Construction Related
Description: Construction of two new buildings to meet the Community Development Block Grant (CDBG) requirements established through the Department of Housing and Urban Development (HUD) for providing affordable housing in Scottsdale.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	950.0	-	-	-	-	950.0
Total:	950.0	-	-	-	-	950.0

Marshall Way Entry Feature - (DA02A)

Est. Completion: 01/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0
Location: Marshall Way and Indian School Road
Project Type: Construction Related
Description: Construction of a public art project in the general vicinity of Marshall Way and Indian School Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Tourism Development Funds	150.0	-	-	-	-	150.0
Total:	150.0	-	-	-	-	150.0

*Recurring Capital Maintenance Projects.

Scottsdale Road Preservation Streetscape Enhancement - (D0205)**Est. Completion:** 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$21,996.5)**Location:** Along Scottsdale Road from the southern to the northern city limits.**Project Type:** Construction Related**Description:** Acquire, preserve and restore desert lands along Scottsdale Road, and promote its designation as a Scenic Corridor. Enhance Scottsdale Road's streetscape image along its entire length to reflect its significance as the signature roadway of the community. This project may include the modification, restoration, and/or improvement of landscaping, street hardware, street signs, overhead power lines, walkways, trails, transit facilities and public art along Scottsdale Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q3 - Scenic Corridor	26,843.5	-	-	-	-	26,843.5
Grants	96.5	-	-	-	-	96.5
Total:	26,940.0	-	-	-	-	26,940.0

Scottsdale's Museum of the West - (DA05A, D1301)**Est. Completion:** 01/15 **Est. ITD Expenditures (Thru 06/14):** (\$13,005.5)**Location:** Second Street and Marshall Way**Project Type:** Construction Related**Description:** Construction of a 40,000 square foot museum and sculpture garden. Scottsdale's Museum of the West will provide a unique visitor experience of western United States art and culture from 1820 to 1920 in downtown Scottsdale. The museum and adjoining sculpture garden will provide storytelling opportunities reinforced by related southwestern artwork and artifacts. It will be a cultural destination for residents and visitors.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	12,100.0	-	-	-	-	12,100.0
Tourism Development Funds	1,500.0	-	-	-	-	1,500.0
Total:	13,600.0	-	-	-	-	13,600.0

SkySong - ASU Scottsdale Center for Innovation - (D0508)**Est. Completion:** 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$38,120.3)**Location:** Southeast corner of Scottsdale Road and McDowell Road**Project Type:** Construction Related**Description:** The City of Scottsdale and the Arizona State University Foundation (ASUF) have entered into a lease agreement for the majority of a 42-acre parcel located at the southeast corner of McDowell and Scottsdale Roads. The lease provides ASUF with the opportunity to develop approximately 1.2 million square feet of office, research, and retail on 37 acres of the site. In return the city will provide infrastructure to support site development as described in the lease. This project represents the city's lease responsibilities.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	38,173.0	-	-	-	-	38,173.0
Total:	38,173.0	-	-	-	-	38,173.0

*Recurring Capital Maintenance Projects.

Tony Nelssen Equestrian Center Expansion - (D1102, DA06A)

Est. Completion: 12/15 **Est. ITD Expenditures (Thru 06/14):** (\$46,746.5)

Location: WestWorld

Project Type: Construction Related

Description: Design and construct an expansion of the Tony Nelssen Equestrian Center to a final configuration of approximately 300,000 square feet of climate-controlled enclosed space. The facility will house the existing arena with additional areas to accommodate multiple uses, including arenas or temporary stalls for equestrian use, space to accommodate the Barrett-Jackson Auto Auction and the potential to support other public entertainment events.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	1,000.0	-	-	-	-	1,000.0
Bed Tax	2,950.0	-	-	-	-	2,950.0
MPC BONDS	43,050.0	-	-	-	-	43,050.0
Total:	47,000.0	-	-	-	-	47,000.0

TPC Clubhouse and Stadium Course Renovations - (PA03A, P1309)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$13,584.5)

Location: Tournament Players Club (TPC) of Scottsdale

Project Type: Construction Related

Description: Renovations to the clubhouse and stadium course that include expansion of the men's locker rooms, the current patio and meeting room areas, resurfacing the greens, irrigation system improvements and lake bank repair.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	12,905.0	-	-	-	-	12,905.0
Tourism Development Funds	1,150.0	-	-	-	-	1,150.0
Total:	14,055.0	-	-	-	-	14,055.0

WestWorld Events Paving & Show Office Improvements - (DA01A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$4,331.6)

Location: WestWorld

Project Type: Construction Related

Description: Project will reconfigure parking lots, lighting and electrical distribution systems adjacent to the Tony Nelssen Equestrian Center to facilitate different types of event set-ups for future users of the facility. This will include the installation of landscaping and drainage systems related to these improvements and construction of a show office/restroom facility adjacent to the Equestrian Center.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	4,300.0	-	-	-	-	4,300.0
Total:	4,300.0	-	-	-	-	4,300.0

*Recurring Capital Maintenance Projects.

WestWorld Public Art Improvements - (DA04A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: WestWorld

Project Type: Construction Related

Description: Public art project titled "Impulsion" adjacent to the new the Tony Nelssen Equestrian Center.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Tourism Development Funds	380.0	-	-	-	-	380.0
Total:	380.0	-	-	-	-	380.0

*Recurring Capital Maintenance Projects.

Ballfield Lighting System Replacement Phase I - (PB02A)

Est. Completion: 03/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: This project is to replace existing ballfield lighting systems with new state-of-the-art technology lighting systems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	883.0	-	-	-	-	883.0
Total:	883.0	-	-	-	-	883.0

Indian Bend Wash Lakes Phase I - (PB01A)

Est. Completion: 03/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Indian School Road and Hayden Road

Project Type: Construction Related

Description: Renovation of the Indian Bend Wash Lakes at Indian School Park and emergency repairs to McKellips Lake Dam. The lake's primary function is for watering the turf areas of the parks as well as providing recreational opportunities and wildlife habitats. The project will repair erosion damage, prevent water loss and enhance safety.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	3,240.0	-	-	-	-	3,240.0
Total:	3,240.0	-	-	-	-	3,240.0

Scottsdale Stadium Improvements - (PA01A, PA01C, PA01B)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$935.5)

Location: Scottsdale Stadium

Project Type: Construction Related

Description: Renovation of the Scottsdale Stadium, home of Major League Baseball's San Francisco Giants Spring Training. This project includes the replacement of 1,300 seats, improvements to address field drainage and dugout/clubhouse flooding and the replacement of the stadium exterior walkways and hardscape to address Americans with Disabilities Act (ADA) and safety concerns.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	951.1	-	-	-	-	951.1
Total:	951.1	-	-	-	-	951.1

*Recurring Capital Maintenance Projects.

Scottsdale Stadium Infrastructure Improvements - (P1310)**Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** (\$57.7)**Location:** Scottsdale Stadium**Project Type:** Construction Related**Description:** Lifecycle maintenance and replacement of aging building components in the Stadium.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	448.2	67.4	67.4	67.4	67.4	717.8
Contributions	646.4	134.8	134.8	134.8	134.8	1,185.6
Total:	1,094.6	202.2	202.2	202.2	202.2	1,903.4

Sports Lighting Expansion & Upgrade - (P9904)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$4,129.2)**Location:** Citywide locations at existing parks, recreation facilities and schools**Project Type:** Construction Related**Description:** This project includes the replacement, upgrading or expansion of field lighting poles, fixtures, lamps and electrical service at various recreation facilities throughout the city.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	851.7	-	-	-	-	851.7
Bond 2000 - Q1 - Parks	3,612.0	-	-	-	-	3,612.0
Grants	200.0	-	-	-	-	200.0
Total:	4,663.7	-	-	-	-	4,663.7

*Recurring Capital Maintenance Projects.



FY 2014/15 Adopted Budget

Project Descriptions

(In thousands of dollars)

Drainage/Flood Control

Drainage/Flood Control focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by preventing property damage from flooding. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 2.6% (\$13.2 million) of the CIP has been identified to address the drainage and flood control needs of the city.

Project	Estimated Expenditures						Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast		
Drainage/Flood Control								
Drainage/Flood Control								
5th Avenue Drainage Project (GA02A)	-	250.0	-	-	-	-	250.0	52
East Union Hills Interceptor Channel (F0401)	(249.4)	249.4	-	845.7	845.7	-	1,940.8	52
Granite Reef Watershed (F0201)	(1,225.0)	8,826.8	4,372.2	4,080.0	2,592.0	31,184.6	51,055.6	52
Levee Certification and Rehabilitation (F0801)	(397.3)	400.0	-	-	-	-	400.0	53
Loop 101 Detention Basin (F0701)	(1,747.8)	2,473.2	-	1,361.9	1,311.9	-	5,147.0	53
Loop 101 Detention Basin Outfall (F0602)	(0.1)	0.1	-	1,722.5	1,722.5	-	3,445.1	53
* Neighborhood Stormwater Management Improvements (Y1305)	(196.7)	500.0	-	-	-	-	500.0	54
* Neighborhood Stormwater Management Improvements (YA05A)	(15.8)	782.0	-	-	-	-	782.0	54
* Neighborhood Stormwater Management Improvements (YB05A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	54
Pima Road Drainage System (F0503)	(3,299.3)	4,224.3	-	1,087.2	1,087.2	-	6,398.7	55
Powerline Interceptor Channel (F0605)	(2.8)	2.8	-	1,112.6	1,112.6	-	2,228.0	55
Upper Camelback Wash Watershed (F0203)	(16,068.0)	17,710.0	-	-	-	-	17,710.0	55

*Recurring Capital Maintenance Projects.

5th Avenue Drainage Project - (GA02A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: 5th Avenue between Craftsman Court and Scottsdale Road

Project Type: Construction Related

Description: Construction of a drainage improvement project along 5th Avenue between Stetson Drive and Scottsdale Road. Project also includes water line replacement and additional work funded by related projects.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	250.0	-	-	-	-	250.0
Total:	250.0	-	-	-	-	250.0

East Union Hills Interceptor Channel - (F0401)

Est. Completion: 12/18 **Est. ITD Expenditures (Thru 06/14):** (\$249.4)

Location: Beginning at Pima Road and Union Hills Drive/Legacy Boulevard and following the Union Hills Drive/Legacy Boulevard alignment to the west, terminating at the spillway into the Loop 101 detention basin.

Project Type: Construction Related

Description: Design and construct open channel and storm drain improvements to collect and route stormwater flows from the intersection of Pima Road and Union Hills/Legacy westerly to the planned Loop 101 detention basin.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	249.4	-	845.7	845.7	-	1,940.8
Total:	249.4	-	845.7	845.7	-	1,940.8

Granite Reef Watershed - (F0201)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** (\$1,225.0)

Location: Chaparral Road to the Salt River, Granite Reef Road to Pima Road

Project Type: Construction Related

Description: Provide 100-year flood protection and eliminate the existing FEMA AE zone designation which carries a need for mandatory flood insurance for the structures in the Granite Reef Wash corridor between Thomas Road and McKellips Road. This major project will likely be constructed in four phases.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	3,500.0	3,500.0	-	-	-	7,000.0
Bond 2000 - Interest	450.0	-	-	-	-	450.0
Bond 2000 - Q2 - Flood Control	4,851.8	-	-	-	-	4,851.8
Flood Control District IGA	25.0	15.0	2,550.0	1,620.0	19,490.4	23,700.4
SRPMIC IGA	-	857.2	1,530.0	972.0	11,694.2	15,053.4
Total:	8,826.8	4,372.2	4,080.0	2,592.0	31,184.6	51,055.6

*Recurring Capital Maintenance Projects.

Levee Certification and Rehabilitation - (F0801)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$397.3)

Location: Along portions of Indian Bend Wash, from north of McDonald Road to McKellips Road

Project Type: Construction Related

Description: This project involves conducting a levee certification study to determine whether flood control levees city-wide meet federal safety requirements, identifying any deficiencies, and rehabilitating any levees found to be deficient.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	400.0	-	-	-	-	400.0
Total:	400.0	-	-	-	-	400.0

Loop 101 Detention Basin - (F0701)

Est. Completion: 12/18 **Est. ITD Expenditures (Thru 06/14):** (\$1,747.8)

Location: North of Loop 101 and west of Pima Road

Project Type: Construction Related

Description: Construct a stormwater detention basin on a 52-acre site north of the Loop 101 Freeway, west of Pima Road and south of the Water Campus to protect lands south of the freeway from the 100-year flood. Design and construction of a detention basin will provide short-term storage of stormwater emanating from areas north and east of the site and allow for a non-damaging release of the flows to the Bureau of Reclamation basin at the Tournament Players Club (TPC).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	1,423.2	-	1,361.9	1,311.9	-	4,097.0
Contributions	1,050.0	-	-	-	-	1,050.0
Total:	2,473.2	-	1,361.9	1,311.9	-	5,147.0

Loop 101 Detention Basin Outfall - (F0602)

Est. Completion: 12/18 **Est. ITD Expenditures (Thru 06/14):** (\$0.1)

Location: From a point east of Hayden Road, south of the Loop 101 Freeway, to the intersection of Hayden Road and Mayo Boulevard.

Project Type: Construction Related

Description: Construct a storm drain attaching to the existing outlet structure installed under the Loop 101 Freeway and proceeding southerly and westerly to an existing channel along Hayden Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	0.1	-	1,722.5	1,722.5	-	3,445.1
Total:	0.1	-	1,722.5	1,722.5	-	3,445.1

*Recurring Capital Maintenance Projects.

*** Neighborhood Stormwater Management Improvements - (Y1305)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$196.7)

Location: Citywide

Project Type: Construction Related

Description: Provide miscellaneous as-needed drainage improvements throughout the city that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Community Facilities District	45.4	-	-	-	-	45.4
Stormwater In-Lieu Fees	454.6	-	-	-	-	454.6
Total:	500.0	-	-	-	-	500.0

*** Neighborhood Stormwater Management Improvements - (YB05A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provide miscellaneous as-needed drainage improvements throughout the city that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	385.0	475.0	475.0	475.0	475.0	2,285.0
Stormwater In-Lieu Fees	115.0	25.0	25.0	25.0	25.0	215.0
Total:	500.0	500.0	500.0	500.0	500.0	2,500.0

*** Neighborhood Stormwater Management Improvements - (YA05A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$15.8)

Location: Citywide

Project Type: Construction Related

Description: Provide miscellaneous as-needed drainage improvements throughout the city that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Stormwater In-Lieu Fees	782.0	-	-	-	-	782.0
Total:	782.0	-	-	-	-	782.0

*Recurring Capital Maintenance Projects.

Pima Road Drainage System - (F0503)

Est. Completion: 12/18 **Est. ITD Expenditures (Thru 06/14):** (\$3,299.3)

Location: Beginning on the west side of Pima Road just north of Hualapai Drive and continuing south to Union Hills Drive/Legacy Boulevard.

Project Type: Construction Related

Description: Design and construct open channel and storm drain improvements to collect and route stormwater flows in the Pima Road corridor southerly to the intersection with Legacy Boulevard. Flows will then be routed westerly to the planned Loop 101 detention basin as part of the related East Union Hills Interceptor Channel project.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	2,041.9	-	1,087.2	1,087.2	-	4,216.3
Bond 2000 - Q2 - Flood Control	2,182.4	-	-	-	-	2,182.4
Total:	4,224.3	-	1,087.2	1,087.2	-	6,398.7

Powerline Interceptor Channel - (F0605)

Est. Completion: 12/18 **Est. ITD Expenditures (Thru 06/14):** (\$2.8)

Location: Powerline alignment from Thompson Peak Parkway to planned Loop 101 detention basin.

Project Type: Construction Related

Description: Design and construction of an interception channel to convey stormwater flows south to the Loop 101 Detention Basin from Thompson Peak Parkway along the powerline corridor.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	2.8	-	1,112.6	1,112.6	-	2,228.0
Total:	2.8	-	1,112.6	1,112.6	-	2,228.0

Upper Camelback Wash Watershed - (F0203)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$16,068.0)

Location: Bounded by Sweetwater Avenue on the north; 96th Place on the east; Shea Boulevard on the south and 90th Street on the west.

Project Type: Construction Related

Description: This project consists of drainage channel improvements and construction of new storm drains and several detention basins. It is being constructed in two phases: Phase 1 is south of Cactus and Phase 2 is north of Cactus.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	210.0	-	-	-	-	210.0
Bond 2000 - Q2 - Flood Control	6,952.2	-	-	-	-	6,952.2
Contributions	10,547.8	-	-	-	-	10,547.8
Total:	17,710.0	-	-	-	-	17,710.0

*Recurring Capital Maintenance Projects.



FY 2014/15 Adopted Budget

Project Descriptions

(In thousands of dollars)

Preservation

Preservation focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert. The 1998 election expanded the recommended study boundary from the original 12,876 acres to 36,400 acres. The 2004 election provided an additional revenue stream (0.15% sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 34.6% (\$174.9 million) of the CIP has been identified to address this program.

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Preservation								
Preservation/Preservation Improvements								
Browns Ranch Area Trail Construction (P1307)	(439.0)	708.8	-	-	-	-	708.8	58
Brown's Ranch Trailhead (P1102)	(3,563.6)	4,075.0	-	-	-	-	4,075.0	58
Central Area Trail Construction (D0702)	(406.2)	872.5	-	-	-	-	872.5	58
Desert Discovery Center (D1001)	(19.9)	500.0	-	-	-	-	500.0	59
Desert Discovery Phase III (D1101)	(132.3)	140.0	-	-	-	-	140.0	59
Expanded McDowell Sonoran Preserve (P0505)	(262,171.3)	270,182.3	-	-	-	-	270,182.3	59
Expanded McDowell Sonoran Preserve (PB04A)	-	167,967.0	-	-	-	-	167,967.0	60
Lost Dog Wash Trailhead Paving and Trail (P1302)	(306.6)	450.0	-	-	-	-	450.0	60
North Area Access Control & Stabilization (P1305)	(1,107.7)	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0	60
North Area Trail Construction (P1001)	(1,354.3)	2,600.0	100.0	100.0	100.0	100.0	3,000.0	61
Pima/Dynamite Trailhead (PB03A)	-	500.0	3,000.0	500.0	-	-	4,000.0	61
Preserve Trail, Habitat & Safety Improvements (P1301)	(14.4)	127.0	30.0	30.0	30.0	30.0	247.0	61
South Area Access Control (PA02A)	(191.4)	900.0	150.0	150.0	150.0	150.0	1,500.0	62
South Area Trail Construction (P1101)	(401.7)	990.0	-	-	-	-	990.0	62
Tom's Thumb Trailhead (P0902)	(3,305.2)	3,400.0	-	-	-	-	3,400.0	62

*Recurring Capital Maintenance Projects.

Browns Ranch Area Trail Construction - (P1307)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$439.0)

Location: Alma School Road and Dixeletta Drive

Project Type: Construction Related

Description: This project will design and construct multiple trails surrounding the Brown's Ranch (Alma School Road) Trailhead, including an Americans with Disabilities Act (ADA) accessible interpretive trail and connections to the existing trail system in the area.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	708.8	-	-	-	-	708.8
Total:	708.8	-	-	-	-	708.8

Brown's Ranch Trailhead - (P1102)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$3,563.6)

Location: McDowell Sonoran Preserve

Project Type: Construction Related

Description: This project is for the design and construction of trail head amenities near Alma School Road and Dynamite Road as identified in the Conceptual Trails Plan prepared by the McDowell Sonoran Preserve Commission. This project will include access road, parking, restroom/office/control building, shade ramadas, interpretive displays, storage, drinking fountains/water trough, gates, fencing and signage.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	4,075.0	-	-	-	-	4,075.0
Total:	4,075.0	-	-	-	-	4,075.0

Central Area Trail Construction - (D0702)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$406.2)

Location: Various planned trail locations in the central area of the McDowell Sonoran Preserve

Project Type: Construction Related

Description: This project involves the construction of various multiuse trails in the central preserve (approximately 10 miles of trails). These multiuse trails are identified in the Conceptual Trails Plan for the Preserve prepared by the McDowell Sonoran Preserve Commission.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	872.5	-	-	-	-	872.5
Total:	872.5	-	-	-	-	872.5

*Recurring Capital Maintenance Projects.

Desert Discovery Center - (D1001)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$19.9)

Location: City of Scottsdale

Project Type: Construction Related

Description: Desert Discovery Center (DDC) Feasibility Study Phase II will develop, design and validate an economically viable concept and business plan.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	500.0	-	-	-	-	500.0
Total:	500.0	-	-	-	-	500.0

Desert Discovery Phase III - (D1101)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$132.3)

Location: City of Scottsdale

Project Type: Construction Related

Description: The Desert Discovery Center (DDC) Phase III project main program initiatives are: (1) Conduct a feasibility study to assess private funding capacity; (2) Identify public funding options; (3) Establish a DDC Phase III Committee to recommend funding scenarios for the DDC, refine the Phase II study results and review and recommend the preferred business, operating and management model for the DDC and (4) Continue public outreach.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bed Tax	80.0	-	-	-	-	80.0
Tourism Development Funds	60.0	-	-	-	-	60.0
Total:	140.0	-	-	-	-	140.0

Expanded McDowell Sonoran Preserve - (P0505)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$262,171.3)

Location: McDowell Mountain Preserve

Project Type: Construction Related

Description: Purchase Preserve land within the 36,400 acre planned Preserve boundary, as approved by the voters in May 1995 and November 1998.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
G.O. Preserve Bonds	220,182.3	-	-	-	-	220,182.3
Preserve Sales Tax 2004 (0.15)	50,000.0	-	-	-	-	50,000.0
Total:	270,182.3	-	-	-	-	270,182.3

*Recurring Capital Maintenance Projects.

Expanded McDowell Sonoran Preserve - (PB04A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: McDowell Mountain Preserve

Project Type: Construction Related

Description: Purchase Preserve land within the 36,400 acre planned Preserve boundary, as approved by the voters in May 1995 and November 1998.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
G.O. Preserve Bonds	167,967.0	-	-	-	-	167,967.0
Total:	167,967.0	-	-	-	-	167,967.0

Lost Dog Wash Trailhead Paving and Trail - (P1302)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$306.6)

Location: 12601 North 124th Street

Project Type: Construction Related

Description: This project will pave the Lost Dog Wash Trailhead parking lot to provide a durable parking surface that reduces maintenance costs, eliminates particulate air pollution caused by dust, improves compliance with clean air regulations, and better facilitates storm water management on the site. The project will be phased, addressing the higher traffic areas first. The equestrian parking area will remain decomposed granite. In 2010, over 50,000 trail users accessed the Preserve from the Lost Dog Wash Trailhead. The trail improvement will involve an Americans with Disabilities Act (ADA) accessible interpretive trail loop of approximately half mile in length.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	450.0	-	-	-	-	450.0
Total:	450.0	-	-	-	-	450.0

North Area Access Control & Stabilization - (P1305)

Est. Completion: 06/20 **Est. ITD Expenditures (Thru 06/14):** (\$1,107.7)

Location: In vicinity of Pima Freeway, 136th Street, Dynamite Boulevard and Stagecoach Road

Project Type: Construction Related

Description: This project entails the stabilization and improvement of several existing, informal trail access points in the northern region of the McDowell Sonoran Preserve. The Fraesfield Mountain Trailhead is located north of Dynamite Boulevard, between 128th and 136th Streets, and the Granite Mountain Trailhead is located in the vicinity of Lone Mountain Road and 136th Street. These trailheads are located on property acquired from the Arizona State Land Department. The project will include stabilization of entry roads, and the installation of gates, fencing, signage, self-contained restrooms, trash cans, parking areas and other trailhead amenities.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0
Total:	2,400.0	1,000.0	2,500.0	3,000.0	2,000.0	10,900.0

*Recurring Capital Maintenance Projects.

North Area Trail Construction - (P1001)

Est. Completion: 06/20 **Est. ITD Expenditures (Thru 06/14):** (\$1,354.3)

Location: Granite Mountain area north of Dynamite Boulevard west of 136th Street

Project Type: Construction Related

Description: This project involves the eradication of unwanted trails and restoration of the area where these unwanted trails were located. It also involves the improvement of remaining trails that are included in the Conceptual Trails Plan for the Preserve to city standard. Approximately two-thirds of the existing trails in the area will be eliminated and the land restored through this project.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	2,600.0	100.0	100.0	100.0	100.0	3,000.0
Total:	2,600.0	100.0	100.0	100.0	100.0	3,000.0

Pima/Dynamite Trailhead - (PB03A)

Est. Completion: 12/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Northeast of Pima Road and Dynamite Boulevard

Project Type: Construction Related

Description: This project is for the construction of amenities including access road, parking, shade ramadas, restrooms, small amphitheater, interpretative materials, mountain climbing staging area, equestrian amenities, storage and other infrastructure improvements to serve passive recreational users at a major north community access area in the McDowell Sonoran Preserve. This access area will serve as a staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	500.0	3,000.0	500.0	-	-	4,000.0
Total:	500.0	3,000.0	500.0	-	-	4,000.0

Preserve Trail, Habitat & Safety Improvements - (P1301)

Est. Completion: 06/20 **Est. ITD Expenditures (Thru 06/14):** (\$14.4)

Location: McDowell Sonoran Preserve

Project Type: Construction Related

Description: This project involves the reconstruction of segments of trails within the McDowell Sonoran Preserve. Many of these trails were built 5 to 6 years ago, in areas of rugged terrain. Accordingly, some of these trail segments require reconstruction, beyond the scope of routine maintenance. Improvements may involve, but not be limited to trail construction, trail signage and various safety enhancements to old mining areas/shafts to remove or mitigate hazard conditions.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Contributions	5.7	-	-	-	-	5.7
Preserve Sales Tax 2004 (0.15)	121.3	30.0	30.0	30.0	30.0	241.3
Total:	127.0	30.0	30.0	30.0	30.0	247.0

*Recurring Capital Maintenance Projects.

South Area Access Control - (PA02A)

Est. Completion: 06/20 **Est. ITD Expenditures (Thru 06/14):** (\$191.4)

Location: Preserve areas generally South of the Deer Valley alignment

Project Type: Construction Related

Description: This project entails the stabilization and improvement of various existing Trailheads in the southern region of the McDowell Sonoran Preserve and the future expansion of the Gateway and Lost Dog Wash Trailhead parking lots. The Ringtail Trailhead is located north of Cactus Road, along the western edge of 128th Street, and the 104th Street/Bell Road Trailhead is located immediately north of Bell Road at the 104th Street alignment. Both of these trailheads are existing facilities with gravel or dirt parking surfaces and limited improvements. The project will assess current use and as appropriate provide a durable parking surface that reduces maintenance costs, eliminates particulate air pollution caused by dust, improves compliance with clean air regulations, and better facilitates storm water management on the site. Additionally, transitions to adjacent roadways will be assessed and may include revision of alignments, installation of gate(s), fencing, signage, trash cans, and other trailhead amenities. The Gateway and Lost Dog Wash expansions will consider increasing usage at the trailheads and per previously developed concept plans, provide up to 200 additional parking stalls for each of the Trailheads.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	900.0	150.0	150.0	150.0	150.0	1,500.0
Total:	900.0	150.0	150.0	150.0	150.0	1,500.0

South Area Trail Construction - (P1101)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$401.7)

Location: A north-south corridor in the interior of the McDowell Mountains portion of the McDowell Sonoran Preserve

Project Type: Construction Related

Description: This project involves the construction of a remote, interior, secondary, multiuse trail connecting existing trails in the south part of the Preserve to existing trails in the north side of the Preserve along a north-south corridor. This multiuse trail is identified in the Conceptual Trails Plan for the Preserve prepared by the McDowell Sonoran Preserve Commission. The trail will be approximately 5 miles long, 2 feet wide and not built to the same standards as main trails in the Preserve.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	990.0	-	-	-	-	990.0
Total:	990.0	-	-	-	-	990.0

Tom's Thumb Trailhead - (P0902)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$3,305.2)

Location: Southeast of the 128th St and Paraiso Drive alignments

Project Type: Construction Related

Description: This project is for the construction of amenities including access road, parking, shade ramadas, restrooms, small amphitheater, interpretative materials, mountain climbing staging area, equestrian amenities, storage and other infrastructure improvements to serve passive recreational users at the major north community access area in the McDowell Sonoran Preserve. This access area will serve as a staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Preserve Sales Tax 2004 (0.15)	3,400.0	-	-	-	-	3,400.0
Total:	3,400.0	-	-	-	-	3,400.0

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Public Safety

Public Safety programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe. This goal is met by providing fire and police stations, training facilities and automation systems related to fire and police operations. Approximately 1.9% (\$9.6 million) of the CIP has been identified to address the public safety needs of the city.

Project	Estimated Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast	Total	Page #
Public Safety								
Fire Protection								
Cactus Acres Fire Station 8 (B0803)	(5,966.1)	6,090.9	-	-	-	-	6,090.9	65
Desert Foothills Fire Station 13 (B0403)	(1,374.5)	2,275.0	-	-	-	-	2,275.0	65
Eldorado Park Fire Station 1-Relocate Existing S. Quadrant (B0601)	(3,782.4)	3,941.8	-	-	-	-	3,941.8	65
Fire Radio Replacement (JA14A)	(1,056.5)	1,208.6	-	-	-	-	1,208.6	66
Public Safety Radio Network Lifecycle Project (TEMP1485)	-	-	-	1,299.8	151.8	151.8	1,603.4	66
Relocate and Build FS613 (BB01A)	-	723.6	-	5,018.3	-	-	5,741.9	66
Police								
3D Laser Scanner (JA05A, JA05B)	(88.3)	97.0	-	-	-	-	97.0	67
9-1-1 Communication Equipment Replacement (JA03A, JA03B)	(796.0)	1,128.3	-	-	-	-	1,128.3	67
9-1-1 Voice Logging Recorder Replacement (M1206)	(209.8)	237.3	-	-	-	-	237.3	67
Additional Servers for Digital Evidence and Forensic Recovery - Allocation (JB05B, JB05A)	-	170.0	-	-	-	-	170.0	67
Advanced Authentication via HID Cards (JA07A, JA07B)	(44.9)	52.3	-	-	-	-	52.3	68
Advanced Mobile Solutions - Allocation (JB03A, JB03B)	-	70.9	34.9	-	-	-	105.8	68
Allocation and Deployment Software (M1301, M1302)	(61.0)	71.9	-	-	-	-	71.9	68
Cameras & Communication Equipment for Special Events and Surveillance Investigations-Allocation (JB02B, JB02A)	-	109.0	43.6	-	-	-	152.6	69
* Crime Laboratory Equipment Replacement (Y1330, Y1303)	(3.5)	-	-	-	-	-	-	0
* Crime Laboratory Equipment Replacement (YA03A, YA03B)	(133.2)	147.2	-	-	-	-	147.2	70
* Crime Laboratory Equipment Replacement (YB03B, YB03A)	-	229.0	141.7	234.4	239.8	332.5	1,177.4	69
District 2 Jail IP Video Monitoring System - Allocation (JA13A, JA13B)	(199.6)	217.6	-	-	-	-	217.6	70
Lab Information Management System (LIMS) Integration (M1305, M1306)	-	112.1	-	-	-	-	112.1	70
Laser Induced Breakdown Spectrometer (JA10A, JA10B)	(75.0)	81.8	-	-	-	-	81.8	71
MetaMorpho to BIS (JA06A, JA06B)	-	81.8	-	-	-	-	81.8	71
Police – Records Management and CAD System Replacement (M0401)	(4,522.3)	4,525.0	-	-	-	-	4,525.0	71
Police Advanced Mobile Upgrades (M0810)	(776.6)	768.3	-	-	-	-	768.3	72
Police Mobile Command Center (M1205)	(766.1)	800.0	-	-	-	-	800.0	72
* Police Portable and Vehicle Radio Replacement (YB06A)	-	821.9	456.7	100.8	1,144.5	1,144.5	3,668.4	72
Police Special Investigations Building (B1301, B1302)	(2,686.8)	2,688.8	-	-	-	-	2,688.8	73
Policy & Standards Management Software (M1307, M1308)	-	47.9	-	-	-	-	47.9	73
Public Safety Radio System-Phase I (M0615)	(19,818.3)	22,050.0	-	-	-	-	22,050.0	73

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Public Safety							
Police							
Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation (JB04A, JB04B)	-	95.9	-	299.8	-	-	395.7 74
SIS Buildout (BA02B, BA02A)	(1,977.2)	1,955.0	-	-	-	-	1,955.0 74
Telephone Interception Equipment (JA04A, JA04B)	(183.4)	196.2	-	-	-	-	196.2 74

*Recurring Capital Maintenance Projects.

Cactus Acres Fire Station 8 - (B0803)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$5,966.1)**Location:** 96th Street and Cactus Road**Project Type:** Construction Related**Description:** Construct an 11,000 square foot fire station in the Cactus Acres area at 96th Street and Cactus Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	2,340.9	-	-	-	-	2,340.9
Bond 2000 - Interest	3,750.0	-	-	-	-	3,750.0
Total:	6,090.9	-	-	-	-	6,090.9

Desert Foothills Fire Station 13 - (B0403)**Est. Completion:** 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$1,374.5)**Location:** Area of Scottsdale Road and Jomax Road**Project Type:** Construction Related**Description:** Purchase land for fire stations 13 and 16 that will serve as an enhancement of the services provided in the northern areas of the city. The future fire station 13 will allow for additional emergency units to be located in, and protect a large geographic area of the city as well as replace the existing temporary station on Pima Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	1,875.0	-	-	-	-	1,875.0
Bond 2000 - Interest	400.0	-	-	-	-	400.0
Total:	2,275.0	-	-	-	-	2,275.0

Eldorado Park Fire Station 1-Relocate Existing S. Quadrant - (B0601)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$3,782.4)**Location:** Fire Station - South Quadrant, in the area of Miller Road and McDowell Road**Project Type:** Construction Related**Description:** Construction of a new fire station in the south quadrant of the city. This fire station will replace the fire station at Miller and Thomas Roads (FS601).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	591.8	-	-	-	-	591.8
Bond 2000 - Interest	3,350.0	-	-	-	-	3,350.0
Total:	3,941.8	-	-	-	-	3,941.8

*Recurring Capital Maintenance Projects.

Fire Radio Replacement - (JA14A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$1,056.5)

Location: Citywide

Project Type: Technology Related

Description: Replacement of 172 mobile and portable radios. These radios provide coverage and interoperability for public safety operations, including Fire Automatic Aid.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	1,208.6	-	-	-	-	1,208.6
Total:	1,208.6	-	-	-	-	1,208.6

Public Safety Radio Network Lifecycle Project - (TEMP1485)

Est. Completion: 08/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: This project fulfills a federal mandate to shift to narrowband frequencies and also pays for lifecycle costs on the valley-wide regional radio system. These funds provide for Scottsdale's portion of the upgrade.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	-	-	1,299.8	151.8	151.8	1,603.4
Total:	-	-	1,299.8	151.8	151.8	1,603.4

Relocate and Build FS613 - (BB01A)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Hayden Road and Jomax Road, southeast corner

Project Type: Construction Related

Description: Construct a 9,000 square foot fire station to include crew quarters and facilities, office space, Occupational Safety and Health Administration (OSHA) certified decontamination area, safety gear storage and triple apparatus bay. This fire station will serve the Desert Foothills area.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	723.6	-	5,018.3	-	-	5,741.9
Total:	723.6	-	5,018.3	-	-	5,741.9

*Recurring Capital Maintenance Projects.

3D Laser Scanner - (JA05A, JA05B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$88.3)**Location:** Citywide**Project Type:** Technology Related**Description:** A three-dimensional (3D) laser scanner used to display detailed measurements of objects at a crime scene.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	8.0	-	-	-	-	8.0
Federal RICO	89.0	-	-	-	-	89.0
Total:	97.0	-	-	-	-	97.0

9-1-1 Communication Equipment Replacement - (JA03A, JA03B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$796.0)**Location:** Citywide**Project Type:** Technology Related**Description:** Purchase and install new 9-1-1 radio dispatch equipment.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	93.2	-	-	-	-	93.2
Federal RICO	1,035.1	-	-	-	-	1,035.1
Total:	1,128.3	-	-	-	-	1,128.3

9-1-1 Voice Logging Recorder Replacement - (M1206)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$209.8)**Location:** Citywide**Project Type:** Technology Related**Description:** Replacement of the 9-1-1 voice logging recorder so that the Police Department can maintain the expected level of service to the public and provide continuous recording of voice communications and police activity.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
RICO	237.3	-	-	-	-	237.3
Total:	237.3	-	-	-	-	237.3

Additional Servers for Digital Evidence and Forensic Recovery - Allocation - (JB05B, JB05A)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related**Description:** Purchase a Computer Crimes Unit server and four forensic recovery of evidence work stations.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	14.0	-	-	-	-	14.0
Federal RICO	156.0	-	-	-	-	156.0
Total:	170.0	-	-	-	-	170.0

*Recurring Capital Maintenance Projects.

Advanced Authentication via HID Cards - (JA07A, JA07B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$44.9)**Location:** Citywide**Project Type:** Technology Related**Description:** The Federal Bureau of Investigation (FBI) and Arizona Department of Public Safety (DPS) are mandating improved advanced authentication requirements. Every mobile laptop will require a secondary sign-on to access law enforcement sensitive files. Five hundred Human Interface Device (HID) cards will be purchased and will act as an advanced authentication device as well as a key card access to secured buildings.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	4.3	-	-	-	-	4.3
RICO	48.0	-	-	-	-	48.0
Total:	52.3	-	-	-	-	52.3

Advanced Mobile Solutions - Allocation - (JB03A, JB03B)**Est. Completion:** 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related**Description:** Advanced Mobile Solutions including Citrix & NetMotion expansion and related licensing, new Advanced Authentication requirements and mobile computing solutions. Provides mobile solutions not limited to software, security, hardware and related licensing for police applications.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	5.9	2.9	-	-	-	8.8
Federal RICO	65.0	32.0	-	-	-	97.0
Total:	70.9	34.9	-	-	-	105.8

Allocation and Deployment Software - (M1301, M1302)**Est. Completion:** 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$61.0)**Location:** Citywide**Project Type:** Technology Related**Description:** Purchase patrol allocation and deployment software that will allow the department to determine both allocation and deployment of patrol staffing.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	5.9	-	-	-	-	5.9
RICO	66.0	-	-	-	-	66.0
Total:	71.9	-	-	-	-	71.9

*Recurring Capital Maintenance Projects.

Cameras & Communication Equipment for Special Events and Surveillance Investigations-Allocation - (JB02B, JB02A)**Est. Completion:** 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Wireless special event security camera system. Security camera equipment for temporary deployment at major special events. Equipment to aid the Scottsdale Police Department with the overall management, safety and security of events that attract large numbers of people to Scottsdale. Real-time video will be transmitted to the local event command post as well as the city and Police Department Emergency Operations Centers.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	9.0	3.6	-	-	-	12.6
Federal RICO	100.0	40.0	-	-	-	140.0
Total:	109.0	43.6	-	-	-	152.6

*** Crime Laboratory Equipment Replacement - (YB03B, YB03A)****Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Police - District 1**Project Type:** Technology Related

Description: Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. Past history has shown that this equipment and instrumentation has a useful life expectancy of between 5 to 8 years before it starts to incur significant maintenance issues and its technology becomes outdated. Using outdated technology becomes a reliability issue when presenting examination results in court. With newer technology, examination time can be reduced and forensic examination results can become available more quickly to the officer and the courts.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	159.0	91.7	210.4	219.8	312.5	993.4
Crime Lab Assessment	20.0	5.0	4.0	-	-	29.0
Forensic Science IGAs	50.0	45.0	20.0	20.0	20.0	155.0
Total:	229.0	141.7	234.4	239.8	332.5	1,177.4

*Recurring Capital Maintenance Projects.

*** Crime Laboratory Equipment Replacement - (YA03A, YA03B)****Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** (\$133.2)**Location:** Police - District 1**Project Type:** Technology Related

Description: Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. Past history has shown that this equipment and instrumentation has a useful life expectancy of between 5 to 8 years before it starts to incur significant maintenance issues and its technology becomes outdated. Using outdated technology becomes a reliability issue when presenting examination results in court. With newer technology, examination time can be reduced and forensic examination results can become available more quickly to the officer and the courts.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	47.2	-	-	-	-	47.2
Crime Lab Assessment	20.0	-	-	-	-	20.0
Forensic Science IGAs	80.0	-	-	-	-	80.0
Total:	147.2	-	-	-	-	147.2

District 2 Jail IP Video Monitoring System - Allocation - (JA13A, JA13B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$199.6)**Location:** Citywide**Project Type:** Technology Related**Description:** Replacement of jail video surveillance system.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	18.0	-	-	-	-	18.0
Federal RICO	199.6	-	-	-	-	199.6
Total:	217.6	-	-	-	-	217.6

Lab Information Management System (LIMS) Integration - (M1305, M1306)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Purchase programming and integration services from Intergraph and JusticeTrax that will allow the exchange of Intergraph/Law Enforcement Automated Database Systems (I/LEADS) property data with the JusticeTrax Lab Information Services (LIMS). Electronic transmission of the data between the two systems will automate the exchange of information, reduce administrative time by eliminating redundant data entry into LIMS, reduce the possibility of data entry errors and increase the timeliness of lab requests, processing and lab results posting back to the officer and into the I/LEADS incident. Efficient property handling and timely testing will expedite the prosecution and adjudication of criminal cases.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	9.3	-	-	-	-	9.3
RICO	102.8	-	-	-	-	102.8
Total:	112.1	-	-	-	-	112.1

*Recurring Capital Maintenance Projects.

Laser Induced Breakdown Spectrometer - (JA10A, JA10B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$75.0)**Location:** Citywide**Project Type:** Technology Related

Description: The Laser Induced Breakdown Spectrometer will provide the ability to perform elemental analysis needed when examining glass, paint, soil and general unknowns. This system will allow for in house analysis down to five hundred microns in size instead of sending samples out to more advanced labs. The Laser Induced Breakdown Spectrometer will be used in every hit and run case, in the majority of burglaries and anywhere that glass, paint and soil are present at a crime scene.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	6.8	-	-	-	-	6.8
Federal RICO	75.0	-	-	-	-	75.0
Total:	81.8	-	-	-	-	81.8

MetaMorpho to BIS - (JA06A, JA06B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Upgraded fingerprint technology that provides faster, more efficient arrest identification as well as more accuracy in crime scene latent print entries. Software is compatible with the State's system.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	6.8	-	-	-	-	6.8
Federal RICO	75.0	-	-	-	-	75.0
Total:	81.8	-	-	-	-	81.8

Police – Records Management and CAD System Replacement - (M0401)**Est. Completion:** 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$4,522.3)**Location:** Technology**Project Type:** Technology Related

Description: Procure, replace and enhance the Computer Aided Dispatch (CAD) and Records Management (RMS) Systems. The project also provides interfaces to other local, county, state and national systems and meets the requirements of mobile reporting, message switching, case management and data mining.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	4,525.0	-	-	-	-	4,525.0
Total:	4,525.0	-	-	-	-	4,525.0

*Recurring Capital Maintenance Projects.

Police Advanced Mobile Upgrades - (M0810)**Est. Completion:** 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$776.6)**Location:** Citywide**Project Type:** Technology Related

Description: Provide the necessary tools and data to law enforcement who are working remotely. Access to these systems is essential to officers' critical decision making processes and enables a greater success in the reduction of crime. Procure and implement Citrix Server technology, purchase laptops for patrol sergeants and lieutenants, provide training for data sharing software, purchase docking stations, purchase E-Citation handheld devices, upgrade two factor authentication hardware, and implement desktop virtualization software. The officers in patrol cars will be able to prepare the majority of divisional reports from any location that has adequate wireless availability. These technologies will allow the officers to process transactions faster while conserving bandwidth.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	768.3	-	-	-	-	768.3
Total:	768.3	-	-	-	-	768.3

Police Mobile Command Center - (M1205)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$766.1)**Location:** Citywide**Project Type:** Technology Related

Description: Purchase and outfit a self-propelled mobile command center which will be utilized for public safety during large-scale city emergencies, State wide emergency incidents, major public safety operations, and populous city events including the Waste Management Phoenix Open and New Year's Eve block party.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
RICO	800.0	-	-	-	-	800.0
Total:	800.0	-	-	-	-	800.0

*** Police Portable and Vehicle Radio Replacement - (YB06A)****Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Establish a replacement cycle for police portable and vehicle radios. Portable radios are on an 8-year replacement plan and vehicle radios are on a 10-year replacement plan.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	821.9	456.7	100.8	1,144.5	1,144.5	3,668.4
Total:	821.9	456.7	100.8	1,144.5	1,144.5	3,668.4

*Recurring Capital Maintenance Projects.

Police Special Investigations Building - (B1301, B1302)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$2,686.8)**Location:** City of Scottsdale**Project Type:** Construction Related

Description: Purchase a 20,000 square foot building to house the Police Special Investigations Section. The purchased building would be of a covert nature with secure parking area and a warehouse section for storing sensitive equipment. Purchasing a building is considered more cost effective in the long term than leasing. The building will be purchased with RICO special revenue funds.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	279.8	-	-	-	-	279.8
RICO	2,409.0	-	-	-	-	2,409.0
Total:	2,688.8	-	-	-	-	2,688.8

Policy & Standards Management Software - (M1307, M1308)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Purchase new software that will allow the department to track policy and procedure changes and accreditation standards compliance.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	3.9	-	-	-	-	3.9
RICO	44.0	-	-	-	-	44.0
Total:	47.9	-	-	-	-	47.9

Public Safety Radio System-Phase I - (M0615)**Est. Completion:** 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$19,818.3)**Location:** Citywide**Project Type:** Technology Related

Description: Purchase a new radio system that provides improved coverage, interoperability with other public safety agencies, and increased bandwidth to handle growth in radio voice traffic. This new radio system infrastructure will provide a replacement voice radio system for all city divisions using the Maricopa County radio network and accommodate the eventual migration of the Fire Department from Very High Frequency (VHF) radio channels to a trunked radio infrastructure.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	4,248.3	-	-	-	-	4,248.3
Certificate of Participation	16,562.5	-	-	-	-	16,562.5
Contributions	445.7	-	-	-	-	445.7
Sanitation Rates	341.9	-	-	-	-	341.9
Sewer Rates	162.6	-	-	-	-	162.6
Water Rates	289.0	-	-	-	-	289.0
Total:	22,050.0	-	-	-	-	22,050.0

*Recurring Capital Maintenance Projects.

Records Management System and Computer Aided Dispatch Enhancements and Refresh - Allocation - (JB04A, JB04B)**Est. Completion:** 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide.**Project Type:** Technology Related**Description:** These vendor specific feature enhancements will provide several improvements to the Computer Aided Dispatch system, Records Management System and Mobile for Public Safety systems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	7.9	-	24.8	-	-	32.7
Federal RICO	88.0	-	275.0	-	-	363.0
Total:	95.9	-	299.8	-	-	395.7

SIS Buildout - (BA02B, BA02A)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$1,977.2)**Location:** City of Scottsdale**Project Type:** Construction Related**Description:** Prepare recently purchased Special Investigations Section building for occupancy, including air conditioning, sound proofing and security measures.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	255.0	-	-	-	-	255.0
Federal RICO	1,700.0	-	-	-	-	1,700.0
Total:	1,955.0	-	-	-	-	1,955.0

Telephone Interception Equipment - (JA04A, JA04B)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$183.4)**Location:** Citywide**Project Type:** Technology Related**Description:** Purchase telephone interception equipment that monitors, records, archives, plays back, analyzes and manages information collected during a court authorized intercept of oral, wire, and electronic communications.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	16.2	-	-	-	-	16.2
Federal RICO	180.0	-	-	-	-	180.0
Total:	196.2	-	-	-	-	196.2

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Service Facilities

Service Facilities focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the City. Approximately 2.5% (\$13.0 million) of the CIP has been identified to address this program.

Project	Estimated Expenditures					Total	Page #
	Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast		
Service Facilities							
Municipal Facilities/Improvements							
Additional Compressed Natural Gas (CNG) Fuel Dispensers (BA03A)	(60.2)	434.9	-	-	-	434.9	76
CNG Compressor Replacement (B1303)	(560.4)	750.0	-	-	-	750.0	76
* Facilities Repair and Maintenance Program (YA01A)	(1,614.8)	1,640.4	-	-	-	1,640.4	76
* Facilities Repair and Maintenance Program (YB01A)	-	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4
North Corp Yard CNG Compliance (BB02A)	-	400.0	-	-	-	400.0	77
Scottsdale City Court Cash Office Remodel (BA01A)	(91.5)	115.0	-	-	-	115.0	77
Transfer Station Crane Replacement (EA01A)	(162.4)	212.9	-	-	-	212.9	78
Transfer Station Expansion (B0902)	(1,201.2)	3,675.0	-	-	-	3,675.0	78
Technology Improvements							
CIP Contingency (Z9400)	-	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0
CIP Contingency for Future Grants (Z9401)	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0
* CityCable Audio/Video Equipment Replacements (Y1304)	(167.1)	170.0	-	-	-	170.0	80
* CityCable Audio/Video Equipment Replacements (YA04A)	(68.7)	65.8	-	-	-	65.8	79
* CityCable Audio/Video Equipment Replacements (YB04A)	-	40.9	161.3	-	200.6	69.8	472.6
Document Management System - Courts (M9906)	(254.0)	400.0	-	-	-	400.0	80
HR - Automation System (M0904)	(89.6)	90.0	-	-	-	90.0	80
IT - Information Lifecycle Management (M1201)	-	210.0	-	-	-	210.0	81
* IT - Network Infrastructure (Y1307)	(333.2)	417.1	-	-	-	417.1	82
* IT - Network Infrastructure (YA07A)	(286.6)	320.0	-	-	-	320.0	81
* IT - Network Infrastructure (YB07A)	-	447.0	370.0	367.0	381.5	419.7	1,985.2
* IT - Server Infrastructure (Y1308)	(40.6)	208.9	-	-	-	208.9	84
* IT - Server Infrastructure (YA08A)	(654.6)	1,024.4	-	-	-	1,024.4	83
* IT - Server Infrastructure (YB08A)	-	901.5	1,043.5	647.3	367.3	1,976.6	4,936.2
IT - Telephone System Upgrade (M0906)	(492.2)	630.0	-	-	-	630.0	84
IT-Web Content Management SW (M0506)	(234.1)	298.4	-	-	-	298.4	84
Mobile Network Software (M1101)	(54.9)	346.3	-	-	-	346.3	85
Network Infrastructure Extension (M0707)	(727.7)	862.5	-	-	-	862.5	85
Online Bill Payment and Presentment System (JA02A)	-	381.5	-	-	-	381.5	85
Payroll System Replacement (JB01A)	-	350.1	100.0	-	-	450.1	86
Public Records and Litigation Document Review Software (JA01A)	-	200.0	-	-	-	200.0	86
Solid Waste Vehicle Monitoring System (JA12A)	(3.9)	650.0	-	-	-	650.0	87
Street Operations Work and Asset Management System (JA11A)	-	168.0	-	-	-	168.0	87
Wide Area Network Fiber (M0706)	(116.3)	465.9	-	-	-	465.9	87

*Recurring Capital Maintenance Projects.

Additional Compressed Natural Gas (CNG) Fuel Dispensers - (BA03A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$60.2)

Location: North Corporate Yard

Project Type: Construction Related

Description: The City of Scottsdale's current slow fill compressed natural gas (CNG) fueling station located at the North Corporation Yard is being used at full capacity. The city plans to purchase additional replacement vehicles that run on CNG, requiring additional fuel hoses and nozzles. This project will add five additional posts and other related upgrades.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Fleet Rates	434.9	-	-	-	-	434.9
Total:	434.9	-	-	-	-	434.9

CNG Compressor Replacement - (B1303)

Est. Completion: 05/15 **Est. ITD Expenditures (Thru 06/14):** (\$560.4)

Location: North Corporate Yard

Project Type: Construction Related

Description: The replacement of the Compressed Natural Gas (CNG) Compressor, which is a single source for all compressed natural gas powered vehicles and equipment.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Fleet Rates	750.0	-	-	-	-	750.0
Total:	750.0	-	-	-	-	750.0

*** Facilities Repair and Maintenance Program - (YA01A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$1,614.8)

Location: Citywide

Project Type: Construction Related

Description: Protection of the city's infrastructure through systematic and rational repair and maintenance to major municipal facilities including office buildings, recreation centers, libraries, sports field lighting, multi-use pathways and other buildings and facilities. The work involved is in the following areas: electrical, fencing and gates, heating, ventilation and air conditioning (HVAC), roofs and other major equipment items.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	1,640.4	-	-	-	-	1,640.4
Total:	1,640.4	-	-	-	-	1,640.4

*Recurring Capital Maintenance Projects.

*** Facilities Repair and Maintenance Program - (YB01A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Protection of the city's infrastructure through systematic and rational repair and maintenance to major municipal facilities including office buildings, recreation centers, libraries, sports field lighting, multi-use pathways and other buildings and facilities. The work involved is in the following areas: electrical, fencing and gates, heating, ventilation and air conditioning (HVAC), roofs and other major equipment items.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4
Total:	2,120.0	1,995.0	1,539.0	1,855.4	1,830.0	9,339.4

North Corp Yard CNG Compliance - (BB02A)

Est. Completion: 04/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: North Corporate Yard

Project Type: Construction Related

Description: The city's fleet shop will be brought into compliance to fire code for compressed natural gas (CNG) with repairs that include roof ventilation and fire wall.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Fleet Rates	400.0	-	-	-	-	400.0
Total:	400.0	-	-	-	-	400.0

Scottsdale City Court Cash Office Remodel - (BA01A)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$91.5)

Location: City Court

Project Type: Construction Related

Description: The purpose of this project is to remodel the existing cash office with the following improvements: • Secured storage for financial records mandated by State Law to be held for five years • A teller style window between Finance Staff and Court Services Representatives (CSR's) for making change • A new safe which allows for thru wall drops from outside of the cash office • A work area outside of the cash office for counting and verifying of daily CSR's banks • Closed Circuit Cameras in the work area to record all cash counting and verifying • Additional server for digital storage of video • Cash Counting devices at each window to verify the amounts of cash from customers while visible to both parties • Secured entry device at Cash Office Door

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
CEF	115.0	-	-	-	-	115.0
Total:	115.0	-	-	-	-	115.0

*Recurring Capital Maintenance Projects.

Transfer Station Crane Replacement - (EA01A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$162.4)

Location: Solid Waste Transfer Station

Project Type: Construction Related

Description: Lifecycle replacement of the grappler crane in the transfer station.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sanitation Rates	212.9	-	-	-	-	212.9
Total:	212.9	-	-	-	-	212.9

Transfer Station Expansion - (B0902)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$1,201.2)

Location: Solid Waste Transfer Station

Project Type: Construction Related

Description: Design and construct the second phase of the city's Transfer Station and install a new floor in existing building. The expansion will mirror the existing facility and double the capacity to serve the growth north of Bell Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sanitation Rates	3,675.0	-	-	-	-	3,675.0
Total:	3,675.0	-	-	-	-	3,675.0

*Recurring Capital Maintenance Projects.

CIP Contingency - (Z9400)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides budgetary appropriation set aside for citywide emergencies or unforeseen expenditures not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0
Total:	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0	22,500.0

CIP Contingency for Future Grants - (Z9401)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides budgetary appropriation set aside for citywide unforeseen grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0
Total:	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0

*** CityCable Audio/Video Equipment Replacements - (YA04A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$68.7)

Location: Citywide

Project Type: Technology Related

Description: This is an ongoing project for the replacement, upgrading or refurbishment of the television broadcast equipment and audio/visual equipment in both the city Hall Kiva and the CityCable 11 studios when the equipment reaches the end of its expected lifespan or for specific needed improvements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	65.8	-	-	-	-	65.8
Total:	65.8	-	-	-	-	65.8

*** CityCable Audio/Video Equipment Replacements - (YB04A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: This is an ongoing project for the replacement, upgrading or refurbishment of the television broadcast equipment and audio/visual equipment in both the City Hall Kiva and the CityCable 11 studios when the equipment reaches the end of its expected lifespan or for specific needed improvements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	40.9	161.3	-	200.6	69.8	472.6
Total:	40.9	161.3	-	200.6	69.8	472.6

*Recurring Capital Maintenance Projects.

*** CityCable Audio/Video Equipment Replacements - (Y1304)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$167.1)

Location: Citywide

Project Type: Technology Related

Description: This is an ongoing project for the replacement, upgrading or refurbishment of the television broadcast equipment and audio/visual equipment in both the City Hall Kiva and the CityCable 11 studios when the equipment reaches the end of its expected lifespan or for specific needed improvements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	170.0	-	-	-	-	170.0
Total:	170.0	-	-	-	-	170.0

Document Management System - Courts - (M9906)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$254.0)

Location: City Court

Project Type: Technology Related

Description: Enable the court to scan all incoming documents increasing efficiencies and allowing for additional integration of processes resulting in the reduction of paper flow between the Courts, Police and Prosecutor. It will provide increased public access to court documents.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
CEF	400.0	-	-	-	-	400.0
Total:	400.0	-	-	-	-	400.0

HR - Automation System - (M0904)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$89.6)

Location: Citywide

Project Type: Technology Related

Description: Acquisition of a system to enable automation in recruitments, form processing, and approval workflows.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	90.0	-	-	-	-	90.0
Total:	90.0	-	-	-	-	90.0

*Recurring Capital Maintenance Projects.

IT - Information Lifecycle Management - (M1201)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: Information life cycle management (ILM) is a comprehensive approach to managing the flow of an information system's data and associated metadata from creation and initial storage to the time when it becomes obsolete and is deleted. ILM also enables more complex criteria for storage management than data age and frequency of access.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	210.0	-	-	-	-	210.0
Total:	210.0	-	-	-	-	210.0

*** IT - Network Infrastructure - (YA07A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$286.6)

Location: Citywide

Project Type: Technology Related

Description: Upgrade and replacement of the city's computer network infrastructure

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	273.3	-	-	-	-	273.3
Aviation Funds	1.2	-	-	-	-	1.2
Fleet Rates	3.4	-	-	-	-	3.4
HURF	9.1	-	-	-	-	9.1
McCormick RR Pk/Rev Fac Ops	0.2	-	-	-	-	0.2
Sanitation Rates	2.5	-	-	-	-	2.5
Section 8	0.7	-	-	-	-	0.7
Self Insurance	0.7	-	-	-	-	0.7
Sewer Rates	3.9	-	-	-	-	3.9
Water Rates	25.0	-	-	-	-	25.0
Total:	320.0	-	-	-	-	320.0

*Recurring Capital Maintenance Projects.

*** IT - Network Infrastructure - (YB07A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: Upgrade and replacement of the city's computer network infrastructure

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	381.8	316.0	313.5	325.9	359.4	1,696.6
Aviation Funds	1.7	1.4	1.4	1.5	1.2	7.2
Fleet Rates	4.7	3.9	3.9	4.1	4.0	20.6
HURF	12.8	10.6	10.5	10.9	11.6	56.4
McCormick RR Pk/Rev Fac Ops	0.3	0.2	0.2	0.2	-	0.9
Sanitation Rates	3.5	2.9	2.9	3.0	3.1	15.4
Section 8	0.9	0.8	0.7	0.7	0.9	4.0
Self Insurance	0.9	0.8	0.7	0.7	1.2	4.3
Sewer Rates	5.5	4.5	4.5	4.7	5.0	24.2
Water Rates	34.9	28.9	28.7	29.8	33.3	155.6
Total:	447.0	370.0	367.0	381.5	419.7	1,985.2

*** IT - Network Infrastructure - (Y1307)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$333.2)

Location: Citywide

Project Type: Technology Related

Description: Planned systematic upgrade and ongoing replacement of the city's computer network infrastructure.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	356.2	-	-	-	-	356.2
Aviation Funds	1.6	-	-	-	-	1.6
Fleet Rates	4.4	-	-	-	-	4.4
HURF	11.9	-	-	-	-	11.9
McCormick RR Pk/Rev Fac Ops	0.2	-	-	-	-	0.2
Sanitation Rates	3.3	-	-	-	-	3.3
Section 8	0.9	-	-	-	-	0.9
Self Insurance	0.9	-	-	-	-	0.9
Sewer Rates	5.1	-	-	-	-	5.1
Water Rates	32.6	-	-	-	-	32.6
Total:	417.1	-	-	-	-	417.1

*Recurring Capital Maintenance Projects.

*** IT - Server Infrastructure - (YA08A)****Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** (\$654.6)**Location:** Citywide**Project Type:** Technology Related**Description:** Upgrade and replacement of the city's server infrastructure

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	874.9	-	-	-	-	874.9
Aviation Funds	3.9	-	-	-	-	3.9
Fleet Rates	10.8	-	-	-	-	10.8
HURF	29.3	-	-	-	-	29.3
McCormick RR Pk/Rev Fac Ops	0.6	-	-	-	-	0.6
Sanitation Rates	8.1	-	-	-	-	8.1
Section 8	2.1	-	-	-	-	2.1
Self Insurance	2.1	-	-	-	-	2.1
Sewer Rates	12.5	-	-	-	-	12.5
Water Rates	80.1	-	-	-	-	80.1
Total:	1,024.4	-	-	-	-	1,024.4

*** IT - Server Infrastructure - (YB08A)****Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related**Description:** Upgrade and replacement of the city's server infrastructure

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	772.1	893.8	554.5	314.6	1,692.7	4,227.7
Aviation Funds	2.5	2.9	1.8	1.0	5.5	13.7
Fleet Rates	8.5	9.8	6.1	3.5	18.6	46.5
HURF	25.0	28.9	17.9	10.2	54.8	136.8
Sanitation Rates	6.7	7.8	4.8	2.7	14.8	36.8
Section 8	2.0	2.3	1.4	0.8	4.4	10.9
Self Insurance	2.5	2.9	1.8	1.0	5.5	13.7
Sewer Rates	10.7	12.4	7.7	4.4	23.6	58.8
Water Rates	71.5	82.7	51.3	29.1	156.7	391.3
Total:	901.5	1,043.5	647.3	367.3	1,976.6	4,936.2

*Recurring Capital Maintenance Projects.

*** IT - Server Infrastructure - (Y1308)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$40.6)
Location: Citywide
Project Type: Technology Related
Description: Planned systematic upgrade and ongoing replacement of the city's computer server infrastructure.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	178.5	-	-	-	-	178.5
Aviation Funds	0.8	-	-	-	-	0.8
Fleet Rates	2.2	-	-	-	-	2.2
HURF	6.0	-	-	-	-	6.0
McCormick RR Pk/Rev Fac Ops	0.1	-	-	-	-	0.1
Sanitation Rates	1.6	-	-	-	-	1.6
Section 8	0.4	-	-	-	-	0.4
Self Insurance	0.4	-	-	-	-	0.4
Sewer Rates	2.6	-	-	-	-	2.6
Water Rates	16.3	-	-	-	-	16.3
Total:	208.9	-	-	-	-	208.9

IT - Telephone System Upgrade - (M0906)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$492.2)
Location: Citywide
Project Type: Technology Related
Description: The Telephone System Upgrade will allow the city to continue to provide phone service to individuals on the city's main campuses by replacing the aging infrastructure. This item was originally included in the Telephone Infrastructure Replacement Fund.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	630.0	-	-	-	-	630.0
Total:	630.0	-	-	-	-	630.0

IT-Web Content Management SW - (M0506)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$234.1)
Location: Citywide
Project Type: Technology Related
Description: Implement an enterprise wide web content management system to improve the integrity and manageability of Internet and Intranet services through increased efficiency of the publishing process.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	298.4	-	-	-	-	298.4
Total:	298.4	-	-	-	-	298.4

*Recurring Capital Maintenance Projects.

Mobile Network Software - (M1101)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$54.9)**Location:** Citywide**Project Type:** Technology Related

Description: Implement an application which will provide incremental software updates, auditing control, license management and additional security for the mobile computing platform. The application coupled with required infrastructure will provide the capability to manage mobile computing assets from a central support location by integrating with wireless interfaces.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	208.7	-	-	-	-	208.7
Fleet Rates	2.0	-	-	-	-	2.0
HURF	27.5	-	-	-	-	27.5
Sanitation Rates	32.5	-	-	-	-	32.5
Sewer Rates	16.5	-	-	-	-	16.5
Water Rates	59.1	-	-	-	-	59.1
Total:	346.3	-	-	-	-	346.3

Network Infrastructure Extension - (M0707)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$727.7)**Location:** Citywide**Project Type:** Technology Related

Description: Extend the City "network backbone" in order to provide service for key city sites and projects. A combination of microwave radio links, fiber optic cable and high-speed telephone circuits will be used.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	862.5	-	-	-	-	862.5
Total:	862.5	-	-	-	-	862.5

Online Bill Payment and Presentment System - (JA02A)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Citywide**Project Type:** Technology Related

Description: Implementation of a new and modern online payment and presentment platform to enable the collection of over one million water, sewer and solid waste payments annually.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sanitation Rates	126.5	-	-	-	-	126.5
Sewer Rates	126.5	-	-	-	-	126.5
Water Rates	128.5	-	-	-	-	128.5
Total:	381.5	-	-	-	-	381.5

*Recurring Capital Maintenance Projects.

Payroll System Replacement - (JB01A)

Est. Completion: 01/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: Implement a new, modern payroll and benefit management system to enable the citywide payroll and benefits.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	181.9	52.0	-	-	-	233.9
Aviation Funds	2.0	0.6	-	-	-	2.6
Bed Tax	0.3	0.1	-	-	-	0.4
CDBG	0.6	0.2	-	-	-	0.8
CEF	1.7	0.5	-	-	-	2.2
Fleet Rates	6.6	1.9	-	-	-	8.5
Forensic Science IGAs	0.2	-	-	-	-	0.2
McCormick RR Pk/Rev Fac Ops	1.8	0.5	-	-	-	2.3
Police 30 Day Tow	0.5	-	-	-	-	0.5
RICO	96.6	27.6	-	-	-	124.2
Sanitation Rates	13.0	3.7	-	-	-	16.7
Section 8	1.1	0.3	-	-	-	1.4
Self Insurance	1.1	0.3	-	-	-	1.4
Sewer Rates	4.6	1.3	-	-	-	5.9
Transportation 0.2% Sales Tax	11.8	3.4	-	-	-	15.2
Water Rates	26.3	7.6	-	-	-	33.9
Total:	350.1	100.0	-	-	-	450.1

Public Records and Litigation Document Review Software - (JA01A)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: City Attorney's Office

Project Type: Technology Related

Description: Document review software to more efficiently process information that has been manually identified and collected pertaining to public records requests and litigation cases.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	200.0	-	-	-	-	200.0
Total:	200.0	-	-	-	-	200.0

*Recurring Capital Maintenance Projects.

Solid Waste Vehicle Monitoring System - (JA12A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$3.9)

Location: Citywide

Project Type: Technology Related

Description: This project will purchase and install a vehicle monitoring system for the solid waste vehicle fleet that will provide vehicle maintenance and operations monitoring, Radio Frequency Identification (RFID) technology for monitoring container servicing and usage and other applications that will assist in increasing the productivity and efficiency of Solid Waste departmental operations.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sanitation Rates	650.0	-	-	-	-	650.0
Total:	650.0	-	-	-	-	650.0

Street Operations Work and Asset Management System - (JA11A)

Est. Completion: 07/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Technology Related

Description: Purchase and integration of a software package to provide asset and work management for all of the maintenance work falling under the jurisdiction of the Street Operations department. This includes work and assets relating to shoulders and drainage, pavement management, signs and markings, traffic signals, street lights and street cleaning.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	168.0	-	-	-	-	168.0
Total:	168.0	-	-	-	-	168.0

Wide Area Network Fiber - (M0706)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$116.3)

Location: Citywide

Project Type: Technology Related

Description: Extend fiber that is being placed for the Intelligent Transportation Systems (ITS) project to city locations on the wide area network (WAN) such as parks and libraries that are in very close proximity to current or planned fiber paths. This upgrade will allow these locations to connect directly to the city network.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
General Fund	465.9	-	-	-	-	465.9
Total:	465.9	-	-	-	-	465.9

*Recurring Capital Maintenance Projects.



FY 2014/15 Adopted Budget

Project Descriptions

(In thousands of dollars)

Transportation

Transportation programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2% privilege tax to fund transportation operations and improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction. This program looks for the best use of these funding sources and addresses the multi-modal concept. Approximately 22.6% (\$114.3 million) of the CIP has been identified to address the transportation needs of the city.

Project	Estimated						Total	Page #
	Expenditures Thru 06/30/14	FY2014/15 Adopted	FY2015/16 Forecast	FY2016/17 Forecast	FY2017/18 Forecast	FY2018/19 Forecast		
Transportation								
Aviation/Aviation Improvements								
Airport - Future Grants (A0509)	-	5,500.1	-	-	-	-	5,500.1	92
Airport Master Plan (A0706)	(533.3)	550.7	-	-	-	-	550.7	92
Airport Pavement Preservation Program (A0710)	(598.0)	813.0	-	-	-	-	813.0	92
Airport Pavement Preservation Program (AB02A)	-	100.0	100.0	100.0	100.0	100.0	500.0	92
Airport Security System Improvements (A0903)	(81.1)	120.0	-	-	-	-	120.0	93
Airport Terminal Remodel (AA02A)	-	400.0	-	-	-	-	400.0	93
Apron Reconstruction - Delta Apron (TEMP1467)	-	-	-	220.0	1,980.0	-	2,200.0	93
Aviation Grant Match Contingency (A0504)	-	250.0	-	-	-	-	250.0	93
Construct Airport Operations/Maintenance (A1201)	(415.4)	3,000.0	-	-	-	-	3,000.0	94
Design and Construct Retention Basin Improvements (A0705)	(421.2)	713.1	-	-	-	-	713.1	94
Design/Construct East Parcel Apron/Taxiway (TEMP1028)	-	-	130.0	1,170.0	-	-	1,300.0	94
Environmental Assessment for Land Acquisition (A1302)	-	250.0	-	-	-	-	250.0	95
Erosion Protection/Wildlife Mitigation - Runway Approach Area (TEMP1465)	-	-	-	500.1	-	-	500.1	95
Land Acquisition - East Parcel (A1301)	(13.5)	6,500.0	-	-	-	-	6,500.0	95
Reconstruct & Strengthen Taxiway "A" and Exits (AA03A)	-	9,000.0	-	-	-	-	9,000.0	96
Reconstruct & Strengthen Taxiway "B" and Exits (A1204)	(329.2)	9,000.0	-	-	-	-	9,000.0	96
Reconstruct and Strengthen Runway 03/21 (AB01A)	-	600.0	5,400.0	-	-	-	6,000.0	96
Reconstruct Taxiway "C" (TEMP975)	-	-	-	-	40.0	360.0	400.0	97
Replace Electrical Pullboxes - Main Apron (AA01A)	-	70.0	-	-	-	-	70.0	97
Runway Safety Enhancements Phase 2 (A0802)	(2,955.5)	4,970.0	-	-	-	-	4,970.0	97
Streets/Street Improvements								
124th & 128th Street - Street, Intersection and Multi-Use Path Improvements (SB02A)	-	750.0	-	-	-	-	750.0	98
Airpark Area Access Projects Phase I (S1103)	(8,058.1)	8,098.2	-	-	-	-	8,098.2	98
* CIP Advance Planning Program (Y0718)	(2,113.0)	2,257.3	-	-	-	-	2,257.3	98
Frank Lloyd Wright-Scottsdale Rd to Shea (S0304)	(1,471.8)	2,467.5	-	-	-	-	2,467.5	99
Northsight Boulevard Extension (S1301)	(7,384.8)	8,125.4	-	-	-	-	8,125.4	99
* Pavement Overlay Program (YA29A)	(3,357.2)	3,223.4	-	-	-	-	3,223.4	100
* Pavement Overlay Program (YB29A)	-	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0	99
Pima Road - McDowell to 90th Street/Via Linda (S1101)	(1,208.3)	2,248.0	13,307.0	2,756.0	6,707.0	6,326.0	31,344.0	100
Pima Road - Pinnacle Peak to Happy Valley (TEMP1019)	-	-	-	-	3,621.0	4,571.0	8,192.0	100
Pima Road: Via Linda to Via de Ventura (SB04A)	-	1,912.0	-	-	-	-	1,912.0	101

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Transportation								
Streets/Street Improvements								
Raintree Drive Extension - 76th Place to Hayden Road (SA01A)	(2.4)	16,947.0	2,371.0	-	-	-	19,318.0	101
Raintree Drive Extension: Hayden Road to Loop 101 (TEMP1509)	-	-	1,006.0	1,500.0	6,500.0	-	9,006.0	101
Raintree/Loop 101 Interchange (TEMP1184)	-	-	-	1,006.0	500.0	3,017.1	4,523.1	102
Raintree/Redfield: Scottsdale Road to Hayden Road (SB03A)	-	614.0	5,030.0	-	-	-	5,644.0	102
Replace Drainage Grates (SB05A)	-	159.0	159.0	159.0	159.0	159.0	795.0	102
Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway (S7005)	(31,068.9)	49,074.5	-	-	-	-	49,074.5	103
Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak (S0311)	(11,647.3)	13,087.4	-	-	-	-	13,087.4	103
Southbound Loop 101 Frontage Road Connections (SB01A)	-	503.0	3,857.0	-	-	-	4,360.0	103
Traffic/Traffic Reduction								
Advanced Traffic Signal Control Cabinets - Phase I (TEMP1190)	-	-	721.0	-	-	-	721.0	104
Advanced Traffic Signal Control Cabinets - Phase II (TEMP1191)	-	-	-	721.0	-	-	721.0	104
Chaparral Road Traffic Calming, Sewer & Drainage Improvements - Scottsdale Road to 69th Place (TA03A)	(143.1)	1,205.1	-	-	-	-	1,205.1	104
Hayden Road / Chaparral Intersection Improvements (TA01A)	-	850.0	-	-	-	-	850.0	105
Hayden/Thomas Safety Improvements (T1201, G1206)	(130.1)	2,142.2	2,928.0	-	-	-	5,070.2	105
Highway Advisory Radio System (GB01A, TB01A)	-	417.0	-	-	-	-	417.0	105
* Intersection Mobility Enhancements (YA19B, YA19A)	(573.6)	919.2	-	-	-	-	919.2	106
* Intersection Mobility Enhancements (YB19A)	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	106
ITS/Signal System Upgrades (T0902)	(242.0)	1,850.0	-	-	-	-	1,850.0	106
* Neighborhood Traffic Management Program (Y1321)	(44.7)	250.0	-	-	-	-	250.0	107
* Neighborhood Traffic Management Program (YA21A)	-	250.0	-	-	-	-	250.0	107
* Neighborhood Traffic Management Program (YB21A)	-	250.0	250.0	250.0	250.0	250.0	1,250.0	106
Thompson Peak Parkway and Paradise Lane Intersection Improvements (TA04A)	(231.2)	290.9	-	-	-	-	290.9	107
* Traffic Management Program - ITS (Y1322)	(802.4)	849.8	-	-	-	-	849.8	108
* Traffic Management Program - ITS (YA22A)	(435.2)	800.0	-	-	-	-	800.0	108
* Traffic Management Program - ITS (YB22A)	-	500.0	500.0	500.0	500.0	500.0	2,500.0	107
* Traffic Management Program-ITS (Y1222)	(489.7)	500.0	-	-	-	-	500.0	108
* Traffic Signal Construction (YB23A)	-	300.0	300.0	300.0	300.0	300.0	1,500.0	108
Transit/Transit Improvements								
Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash (G1303, T1303)	(438.2)	4,111.7	-	-	-	-	4,111.7	109
* Bikeways Program (Y1328)	(304.9)	350.0	-	-	-	-	350.0	109
* Bikeways Program (YB28A)	-	850.0	850.0	600.0	600.0	600.0	3,500.0	109
* Bus Stop Improvements (Y1017)	(537.2)	576.0	-	-	-	-	576.0	110
* Bus Stop Improvements (Y1117)	(15.4)	200.0	-	-	-	-	200.0	110
* Bus Stop Improvements (Y1317)	(35.3)	150.0	-	-	-	-	150.0	111
* Bus Stop Improvements (YA17A)	(20.9)	150.0	-	-	-	-	150.0	110
Crosscut Canal Bridge and Path (TA05A, GA03A)	(0.3)	452.2	445.4	-	-	-	897.6	111

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Transportation								
Transit/Transit Improvements								
Downtown Pedestrian Improvements (T0801)	(513.6)	600.0	-	-	-	-	600.0	111
McDowell Road Bridge over Indian Bend Wash (T0605, G1101)	(3,715.3)	3,786.5	-	-	-	-	3,786.5	112
Mustang Transit Passenger Facility (T0502, G1008, G1010, T9902)	(756.2)	8,621.4	-	-	-	-	8,621.4	112
North Canal Bank Improvements - Marshall Way to Goldwater (TA02A)	(250.8)	1,946.0	-	-	-	-	1,946.0	112
Pave 3 Dirt Roads (GA04A, TA06A)	-	1,344.5	-	-	-	-	1,344.5	113
Shea Underpass Access at 124th Street (TEMP1192, TB02A)	-	158.0	1,253.0	-	-	-	1,411.0	113
* Sidewalk Improvements (YA20A)	(187.1)	350.0	-	-	-	-	350.0	113
* Sidewalk Improvements (YB20A)	-	350.0	350.0	350.0	350.0	350.0	1,750.0	113
Skysong Center Transit Passenger Facility and Sidewalk Improvements (G1009, G1308, T0601, G1309, G1310)	(2,162.6)	4,617.4	-	-	-	-	4,617.4	114
Thomas Road Bicycle Lanes and Enhanced Sidewalks (T0606)	(6,493.4)	6,926.9	-	-	-	-	6,926.9	114
* Trail Improvement Program (YA18A)	(31.3)	650.0	-	-	-	-	650.0	115
* Trail Improvement Program (YB18A)	-	650.0	500.0	500.0	500.0	500.0	2,650.0	114
Transit Vehicle Refurbishment (T0607)	(53.8)	150.0	-	-	-	-	150.0	115
Westworld Trail Connections (TEMP1193)	-	-	632.0	4,480.0	-	-	5,112.0	115

*Recurring Capital Maintenance Projects.

Airport - Future Grants - (A0509)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Provides budgetary appropriation set aside for unforeseen aviation grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	5,500.1	-	-	-	-	5,500.1
Total:	5,500.1	-	-	-	-	5,500.1

Airport Master Plan - (A0706)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$533.3)

Location: Scottsdale Airport

Project Type: Construction Related

Description: This project will provide the funding for the airport to conduct an Airport Master Plan update. This study will update the current and future uses and facilities of the city's airport. The Federal Aviation Administration (FAA) and the Arizona Department of Transportation (ADOT) prefer that master plans be updated every 5 to 10 years depending on how quickly the airport operating environment is changing.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	123.2	-	-	-	-	123.2
Grants	427.5	-	-	-	-	427.5
Total:	550.7	-	-	-	-	550.7

Airport Pavement Preservation Program - (AB02A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Pavement preservation for various areas at the Scottsdale Airport.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	100.0	100.0	100.0	100.0	100.0	500.0
Total:	100.0	100.0	100.0	100.0	100.0	500.0

Airport Pavement Preservation Program - (A0710)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$598.0)

Location: Scottsdale Airport

Project Type: Construction Related

Description: Pavement preservation for various areas at the Scottsdale Airport.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	813.0	-	-	-	-	813.0
Total:	813.0	-	-	-	-	813.0

*Recurring Capital Maintenance Projects.

Airport Security System Improvements - (A0903)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$81.1)

Location: Scottsdale Airport

Project Type: Technology Related

Description: Update the access control and video surveillance systems to enhance security at the city's airport.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	120.0	-	-	-	-	120.0
Total:	120.0	-	-	-	-	120.0

Airport Terminal Remodel - (AA02A)

Est. Completion: 12/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Remodel the airport conference room and operations center space to create one large conference room.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	400.0	-	-	-	-	400.0
Total:	400.0	-	-	-	-	400.0

Apron Reconstruction - Delta Apron - (TEMP1467)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and reconstruct the "Delta" aircraft parking apron that is necessary to meet Federal Aviation Administration (FAA) standards for the design aircraft. The existing pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	-	-	9.8	88.5	-	98.3
Grants	-	-	210.2	1,891.5	-	2,101.7
Total:	-	-	220.0	1,980.0	-	2,200.0

Aviation Grant Match Contingency - (A0504)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Provides budget appropriation set aside for the city's matching portion of unforeseen grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	250.0	-	-	-	-	250.0
Total:	250.0	-	-	-	-	250.0

*Recurring Capital Maintenance Projects.

Construct Airport Operations/Maintenance - (A1201)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$415.4)

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and construct a consolidated operations and maintenance facility on existing airport property. The facility will allow for storage of assets in one location and release a covered t-hangar to generate additional revenue. This facility will be constructed in the central part of the airport, which will also enhance airfield security by providing airport operations staff with a full and unobstructed view of the airfield at all times.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	3,000.0	-	-	-	-	3,000.0
Total:	3,000.0	-	-	-	-	3,000.0

Design and Construct Retention Basin Improvements - (A0705)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$421.2)

Location: Scottsdale Airport

Project Type: Construction Related

Description: This project will include the design and construction of improvements for the airport retention basin. This will involve grading and installing a concrete surface near drainage outfalls on the south end of the airport. These improvements will prevent rutting and erosion of those unpaved areas that typically occur during rain events. The area is required to be kept free of ruts and other hazards to prevent damage to aircraft in the event that one inadvertently leaves the runway surface.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	51.1	-	-	-	-	51.1
Grants	662.0	-	-	-	-	662.0
Total:	713.1	-	-	-	-	713.1

Design/Construct East Parcel Apron/Taxiway - (TEMP1028)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and construct an apron and taxiway on the east parcel lot. The project will provide additional opportunities for aviation businesses and hangars.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	-	5.8	52.3	-	-	58.1
Grants	-	124.2	1,117.7	-	-	1,241.9
Total:	-	130.0	1,170.0	-	-	1,300.0

*Recurring Capital Maintenance Projects.

Environmental Assessment for Land Acquisition - (A1302)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Conduct an environmental assessment as a prerequisite to purchasing a 10-acre parcel of land on the east side of the airport. This land will be used to accommodate future aviation needs and increase airport capacity.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	12.5	-	-	-	-	12.5
Grants	237.5	-	-	-	-	237.5
Total:	250.0	-	-	-	-	250.0

Erosion Protection/Wildlife Mitigation - Runway Approach Area - (TEMP1465)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and complete erosion protection and wildlife mitigation on the south end of the runway area.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	-	-	22.4	-	-	22.4
Grants	-	-	477.7	-	-	477.7
Total:	-	-	500.1	-	-	500.1

Land Acquisition - East Parcel - (A1301)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$13.5)

Location: Scottsdale Airport

Project Type: Construction Related

Description: Purchase a 10-acre parcel of land on the east side of the airport to provide additional airport capacity. The property is needed for future airport landside development such as hangars, aprons, etc. The purchase price will be reimbursed over a period of several years.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	325.0	-	-	-	-	325.0
Grants	6,175.0	-	-	-	-	6,175.0
Total:	6,500.0	-	-	-	-	6,500.0

*Recurring Capital Maintenance Projects.

Reconstruct & Strengthen Taxiway "A" and Exits - (AA03A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design, reconstruction and strengthening of pavement to Taxiway "Alpha" and exits. Also included are the reconstruction and strengthening of taxiway shoulders that will ensure the pavement will maintain its useful life of 20 years.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	402.3	-	-	-	-	402.3
Grants	8,597.7	-	-	-	-	8,597.7
Total:	9,000.0	-	-	-	-	9,000.0

Reconstruct & Strengthen Taxiway "B" and Exits - (A1204)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$329.2)

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design, reconstruct and strengthen the most heavily used taxiway on the airport, which are necessary to meet Federal Aviation Administration (FAA) standards for the design aircraft. The project also includes constructing new taxiway shoulders and lighting. The pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	450.0	-	-	-	-	450.0
Grants	8,550.0	-	-	-	-	8,550.0
Total:	9,000.0	-	-	-	-	9,000.0

Reconstruct and Strengthen Runway 03/21 - (AB01A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and reconstruction of the airport's runway, in order to regularly allow aircraft to operate up to 100,000 pounds at takeoff. This project also includes improving the runway shoulders.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	26.8	241.4	-	-	-	268.2
Grants	573.2	5,158.6	-	-	-	5,731.8
Total:	600.0	5,400.0	-	-	-	6,000.0

*Recurring Capital Maintenance Projects.

Reconstruct Taxiway "C" - (TEMP975)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: Design and reconstruction of Taxiway "Charlie", which is necessary to meet the Federal Aviation Administration (FAA) standards for the design aircraft. This pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	-	-	-	4.0	36.0	40.0
Grants	-	-	-	36.0	324.0	360.0
Total:	-	-	-	40.0	360.0	400.0

Replace Electrical Pullboxes - Main Apron - (AA01A)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airport

Project Type: Construction Related

Description: This project involves the removal and replacement of approximately ten electrical pullboxes.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	70.0	-	-	-	-	70.0
Total:	70.0	-	-	-	-	70.0

Runway Safety Enhancements Phase 2 - (A0802)

Est. Completion: 12/15 **Est. ITD Expenditures (Thru 06/14):** (\$2,955.5)

Location: Scottsdale Airport

Project Type: Construction Related

Description: This phase of the project involves a series of projects that will enhance the runway safety at Scottsdale Airport by creating additional spacing between the aircraft that are waiting for takeoff and the aircraft that are using the runway.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Aviation Funds	124.2	-	-	-	-	124.2
Grants	4,845.8	-	-	-	-	4,845.8
Total:	4,970.0	-	-	-	-	4,970.0

*Recurring Capital Maintenance Projects.

124th & 128th Street - Street, Intersection and Multi-Use Path Improvements - (SB02A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: 124th Street and 128th Street north of Via Linda.

Project Type: Construction Related

Description: This project will construct half street improvements along 128th Street, intersection improvements along both 124th and 128th Streets and a multi-use path connection from 124th Street to 128th Street. The construction will be in coordination and cooperation with the planned Lost Dog Wash and Ringtail Trailhead improvements, and improvements adjacent to Anasazi Elementary School and Mountainside Middle School. This project anticipates shared funding with the McDowell Sonoran Preserve and the Scottsdale Unified School District.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	750.0	-	-	-	-	750.0
Total:	750.0	-	-	-	-	750.0

Airpark Area Access Projects Phase I - (S1103)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$8,058.1)

Location: Airpark Area

Project Type: Construction Related

Description: Phase I improvements are planned to include the design, right-of-way acquisition and construction of a new public collector street on the Northsight alignment north of Hayden Road and the completion of preliminary design plans for the Raintree Drive corridor and the Loop 101 southbound frontage road connections. Improvements will also include landscaping and pedestrian, bicycle and transit access.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	5,668.7	-	-	-	-	5,668.7
Transportation 0.2% Sales Tax	2,429.5	-	-	-	-	2,429.5
Total:	8,098.2	-	-	-	-	8,098.2

*** CIP Advance Planning Program - (Y0718)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$2,113.0)

Location: Citywide

Project Type: Construction Related

Description: Conduct studies, travel demand modeling, analysis and internal/external coordination to determine future capital improvement needs for major street, intersection, traffic management and transit projects.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	1,971.0	-	-	-	-	1,971.0
Transportation 0.2% Sales Tax	286.3	-	-	-	-	286.3
Total:	2,257.3	-	-	-	-	2,257.3

*Recurring Capital Maintenance Projects.

Frank Lloyd Wright–Scottsdale Rd to Shea - (S0304)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$1,471.8)

Location: Frank Lloyd Wright Boulevard from Scottsdale Road to Shea Boulevard

Project Type: Construction Related

Description: Construct a series of localized transportation improvements which include turn bays, channelized medians, sidewalks and other associated improvements. The localized projects include 76th street, 78th street, 82nd street, 90th street, Streetwater, Cactus, Via Linda, Shea Boulevard and other spot locations along the Frank Lloyd Wright corridor.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	704.0	-	-	-	-	704.0
Transportation 0.2% Sales Tax	1,763.5	-	-	-	-	1,763.5
Total:	2,467.5	-	-	-	-	2,467.5

Northsight Boulevard Extension - (S1301)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$7,384.8)

Location: Hayden Road and Northsight Boulevard Intersection

Project Type: Construction Related

Description: The project will construct a new, modified minor collector roadway and the replacement of an existing traffic signal at the Hayden/Northsight intersection with a two-lane roundabout. The project will extend the existing public street segment of Northsight Boulevard in a northwest direction from its current terminus at the west edge of Hayden Road, to Frank Lloyd Wright Boulevard through what is now private property and private roadway easement.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	5,687.8	-	-	-	-	5,687.8
Transportation 0.2% Sales Tax	2,437.6	-	-	-	-	2,437.6
Total:	8,125.4	-	-	-	-	8,125.4

*** Pavement Overlay Program - (YB29A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: On-going project for street pavement overlays.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0
Total:	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	16,500.0

*Recurring Capital Maintenance Projects.

*** Pavement Overlay Program - (YA29A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$3,357.2)

Location: Citywide

Project Type: Construction Related

Description: On-going project for street pavement overlays.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	3,223.4	-	-	-	-	3,223.4
Total:	3,223.4	-	-	-	-	3,223.4

Pima Road - McDowell to 90th Street/Via Linda - (S1101)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** (\$1,208.3)

Location: Pima Road from McDowell Road to just north of the Loop 101 Interchange

Project Type: Construction Related

Description: Design and construct a four-lane minor arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage, and intelligent transportation system facilities. Modifications to the existing buffering wall will be made at several locations to allow additional turn lanes. Portions of the project have been constructed by developers on the Salt River Pima-Maricopa Indian Community. Project will be constructed in conjunction with the Granite Reef Watershed Improvements south of Chaparral Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Contributions	-	6,000.0	-	-	-	6,000.0
Regional Sales Tax	48.0	6,081.0	2,756.0	6,707.0	6,326.0	21,918.0
Transportation 0.2% Sales Tax	2,200.0	1,226.0	-	-	-	3,426.0
Total:	2,248.0	13,307.0	2,756.0	6,707.0	6,326.0	31,344.0

Pima Road - Pinnacle Peak to Happy Valley - (TEMP1019)

Est. Completion: 10/20 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Pima Road - Pinnacle Peak Road to Happy Valley Road

Project Type: Construction Related

Description: Design, acquire right-of-way, and construct a six-lane major arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage and Intelligent Transportation Systems facilities.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	-	-	-	2,535.0	3,200.0	5,735.0
Transportation 0.2% Sales Tax	-	-	-	1,086.0	1,371.0	2,457.0
Total:	-	-	-	3,621.0	4,571.0	8,192.0

*Recurring Capital Maintenance Projects.

Pima Road: Via Linda to Via de Ventura - (SB04A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Pima Road from Via Linda to Via de Ventura

Project Type: Construction Related

Description: Intersection improvements along Pima Road from Via Linda to Via de Ventura.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	1,338.0	-	-	-	-	1,338.0
Transportation 0.2% Sales Tax	574.0	-	-	-	-	574.0
Total:	1,912.0	-	-	-	-	1,912.0

Raintree Drive Extension - 76th Place to Hayden Road - (SA01A)

Est. Completion: 07/16 **Est. ITD Expenditures (Thru 06/14):** (\$2.4)

Location: Scottsdale Airpark

Project Type: Construction Related

Description: Reconstruct portion of 76th Place, Acoma Drive and 78th Way to create the extension of Raintree Drive west of Hayden Road. This is one of the segments of the overarching project to extend Raintree Drive from Scottsdale Road to Loop 101.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	11,863.0	1,660.0	-	-	-	13,523.0
Transportation 0.2% Sales Tax	5,084.0	711.0	-	-	-	5,795.0
Total:	16,947.0	2,371.0	-	-	-	19,318.0

Raintree Drive Extension: Hayden Road to Loop 101 - (TEMP1509)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airpark

Project Type: Construction Related

Description: Improve the existing five-lane Raintree corridor between Hayden Road and Loop 101 Freeway by rebuilding intersections, modifying medians, and enhancing pedestrian bicycle and transit facilities. This is one of the segments of the overarching project to extend Raintree Drive from Scottsdale Road to Loop 101.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	-	704.0	1,050.0	4,550.0	-	6,304.0
Transportation 0.2% Sales Tax	-	302.0	450.0	1,950.0	-	2,702.0
Total:	-	1,006.0	1,500.0	6,500.0	-	9,006.0

*Recurring Capital Maintenance Projects.

Raintree/Loop 101 Interchange - (TEMP1184)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airpark

Project Type: Construction Related

Description: Improve the capacity of the Loop 101/Raintree Drive freeway interchange and area roadway system to relieve Airpark traffic congestion.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	-	-	704.0	350.0	2,112.0	3,166.0
Transportation 0.2% Sales Tax	-	-	302.0	150.0	905.1	1,357.1
Total:	-	-	1,006.0	500.0	3,017.1	4,523.1

Raintree/Redfield: Scottsdale Road to Hayden Road - (SB03A)

Est. Completion: 07/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airpark

Project Type: Construction Related

Description: Widen the existing Thunderbird-Redfield corridor from four to five lanes between Scottsdale Road and 76th Place and connect to Raintree Drive thus extending the Raintree corridor to Scottsdale Road. The completed corridor will be renamed Raintree Drive. Project may include improvements to the intersection of Scottsdale Road. Redfield Road will also be restriped and reconstructed, as necessary, from 76th Place to Hayden Road. Project will increase capacity, improve safety and provide enhanced pedestrian and bike facilities. This is one of the segments of the overarching project to extend Raintree Drive from Scottsdale Road to Loop 101.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	430.0	3,521.0	-	-	-	3,951.0
Transportation 0.2% Sales Tax	184.0	1,509.0	-	-	-	1,693.0
Total:	614.0	5,030.0	-	-	-	5,644.0

Replace Drainage Grates - (SB05A)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Replace modified and non-bicycle-friendly drainage grates with current standards for bicycle-safe drainage grates throughout the city.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	159.0	159.0	159.0	159.0	159.0	795.0
Total:	159.0	159.0	159.0	159.0	159.0	795.0

*Recurring Capital Maintenance Projects.

Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway - (S7005)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$31,068.9)

Location: Scottsdale Road from Frank Lloyd Wright Boulevard to Thompson Peak Parkway

Project Type: Construction Related

Description: Design and construct a six-lane major arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage, and intelligent transportation system facilities. Additional turn lanes at Frank Lloyd Wright Boulevard and a new pedestrian crossing of the Central Arizona Project Canal will also be included.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	10,774.5	-	-	-	-	10,774.5
Contributions	36,300.0	-	-	-	-	36,300.0
Transportation 0.2% Sales Tax	2,000.0	-	-	-	-	2,000.0
Total:	49,074.5	-	-	-	-	49,074.5

Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak - (S0311)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** (\$11,647.3)

Location: Scottsdale Road from Thompson Peak Parkway to Pinnacle Peak Road

Project Type: Construction Related

Description: Design and construct improvements to Scottsdale Road including turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage intelligent transportation system facilities and all-weather crossing of the Rawhide Wash. Initial construction phase is limited to utility relocation and Rawhide Wash bridge.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	636.0	-	-	-	-	636.0
Regional Sales Tax	10,085.0	-	-	-	-	10,085.0
Transportation 0.2% Sales Tax	2,366.4	-	-	-	-	2,366.4
Total:	13,087.4	-	-	-	-	13,087.4

Southbound Loop 101 Frontage Road Connections - (SB01A)

Est. Completion: 10/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Airpark

Project Type: Construction Related

Description: Create new east-west street corridors between Frank Lloyd Wright and Thunderbird Road that will provide connections between the southbound Loop 101 frontage road and adjacent streets and commercial centers.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Regional Sales Tax	352.0	2,700.0	-	-	-	3,052.0
Transportation 0.2% Sales Tax	151.0	1,157.0	-	-	-	1,308.0
Total:	503.0	3,857.0	-	-	-	4,360.0

*Recurring Capital Maintenance Projects.

Advanced Traffic Signal Control Cabinets - Phase I - (TEMP1190)

Est. Completion: 12/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Replace standard signal cabinets with advanced hybrid cabinets at arterial to arterial intersections.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	-	677.0	-	-	-	677.0
Transportation 0.2% Sales Tax	-	44.0	-	-	-	44.0
Total:	-	721.0	-	-	-	721.0

Advanced Traffic Signal Control Cabinets - Phase II - (TEMP1191)

Est. Completion: 12/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Replace standard signal cabinets with advanced hybrid cabinets at arterial to collector intersections.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	-	-	677.0	-	-	677.0
Transportation 0.2% Sales Tax	-	-	44.0	-	-	44.0
Total:	-	-	721.0	-	-	721.0

Chaparral Road Traffic Calming, Sewer & Drainage Improvements - Scottsdale Road to 69th Place - (TA03A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$143.1)

Location: Chaparral Road between 69th Place and Scottsdale Road

Project Type: Construction Related

Description: Reconstruct a portion of Chaparral Road to provide traffic calming, drainage improvements and a new sewer collection line.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Contributions	350.3	-	-	-	-	350.3
Stormwater In-Lieu Fees	84.0	-	-	-	-	84.0
Sewer Rates	270.0	-	-	-	-	270.0
Transportation 0.2% Sales Tax	500.8	-	-	-	-	500.8
Total:	1,205.1	-	-	-	-	1,205.1

*Recurring Capital Maintenance Projects.

Hayden Road / Chaparral Intersection Improvements - (TA01A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Intersection of Hayden Road and Chaparral Road

Project Type: Construction Related

Description: This project will provide intersection improvements to add capacity and improve safety.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	850.0	-	-	-	-	850.0
Total:	850.0	-	-	-	-	850.0

Hayden/Thomas Safety Improvements - (T1201, G1206)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$130.1)

Location: Hayden Road and Thomas Road Intersection

Project Type: Construction Related

Description: Design and construction of intersection improvements to improve safety and traffic operations. The project will include dual left turn lanes in all directions, an eastbound right turn lane, a northbound right turn lane and new raised medians at all approaches. Sidewalk and other pedestrian improvements will also be constructed.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	932.2	-	-	-	-	932.2
Grants	1,141.0	324.0	-	-	-	1,465.0
Transportation 0.2% Sales Tax	69.0	2,604.0	-	-	-	2,673.0
Total:	2,142.2	2,928.0	-	-	-	5,070.2

Highway Advisory Radio System - (GB01A, TB01A)

Est. Completion: 12/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Create a Highway Advisory Radio System as a cost-effective method to disseminate travel restriction information to all parts of the city.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	379.0	-	-	-	-	379.0
Transportation 0.2% Sales Tax	38.0	-	-	-	-	38.0
Total:	417.0	-	-	-	-	417.0

*Recurring Capital Maintenance Projects.

*** Intersection Mobility Enhancements - (YA19B, YA19A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$573.6)

Location: Citywide

Project Type: Construction Related

Description: Provide roadway capacity and safety improvements at various locations within the city; projects range from adding an exclusive right-turn lane or a pedestrian refuge island to modifying medians and driveways. This is a continuing program that typically improves 5-10 intersections per year.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	919.2	-	-	-	-	919.2
Total:	919.2	-	-	-	-	919.2

*** Intersection Mobility Enhancements - (YB19A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provide roadway capacity and safety improvements at various locations within the city; projects range from adding an exclusive right-turn lane or a pedestrian refuge island to modifying medians and driveways. This is a continuing program that typically improves 5-10 intersections per year.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0
Total:	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0

ITS/Signal System Upgrades - (T0902)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$242.0)

Location: Citywide

Project Type: Construction Related

Description: Purchase new traffic signal controllers and firmware to replace aged units at major city roadway intersections.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	1,850.0	-	-	-	-	1,850.0
Total:	1,850.0	-	-	-	-	1,850.0

*** Neighborhood Traffic Management Program - (YB21A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	250.0	250.0	250.0	250.0	250.0	1,250.0
Total:	250.0	250.0	250.0	250.0	250.0	1,250.0

*Recurring Capital Maintenance Projects.

*** Neighborhood Traffic Management Program - (Y1321)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$44.7)

Location: Citywide

Project Type: Construction Related

Description: Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	250.0	-	-	-	-	250.0
Total:	250.0	-	-	-	-	250.0

*** Neighborhood Traffic Management Program - (YA21A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	250.0	-	-	-	-	250.0
Total:	250.0	-	-	-	-	250.0

Thompson Peak Parkway and Paradise Lane Intersection Improvements - (TA04A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$231.2)

Location: Intersection of Thompson Peak Parkway and Paradise Lane

Project Type: Construction Related

Description: Reconstruction of the intersection of Thompson Peak Parkway and Paradise Lane. The project will include the installation of traffic signals and reconfigure the center median islands to provide the safer movement of vehicles and pedestrians.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
McDowell Mountain Ranch Community Facilities District	110.1	-	-	-	-	110.1
Transportation 0.2% Sales Tax	180.8	-	-	-	-	180.8
Total:	290.9	-	-	-	-	290.9

*** Traffic Management Program - ITS - (YB22A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	500.0	500.0	500.0	500.0	500.0	2,500.0
Total:	500.0	500.0	500.0	500.0	500.0	2,500.0

*Recurring Capital Maintenance Projects.

*** Traffic Management Program - ITS - (Y1322)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$802.4)

Location: Citywide

Project Type: Construction Related

Description: Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	849.8	-	-	-	-	849.8
Total:	849.8	-	-	-	-	849.8

*** Traffic Management Program - ITS - (YA22A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$435.2)

Location: Citywide

Project Type: Construction Related

Description: Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	800.0	-	-	-	-	800.0
Total:	800.0	-	-	-	-	800.0

*** Traffic Management Program-ITS - (Y1222)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$489.7)

Location: Citywide

Project Type: Construction Related

Description: Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Contributions	30.0	-	-	-	-	30.0
Transportation 0.2% Sales Tax	470.0	-	-	-	-	470.0
Total:	500.0	-	-	-	-	500.0

*** Traffic Signal Construction - (YB23A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Multiple Locations

Project Type: Construction Related

Description: These funds are utilized to design and construct new traffic signals. This includes purchasing new traffic signal equipment, and installing new equipment at existing traffic signal locations.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	300.0	300.0	300.0	300.0	300.0	1,500.0
Total:	300.0	300.0	300.0	300.0	300.0	1,500.0

*Recurring Capital Maintenance Projects.

Arizona Canal Path - Chaparral to McDonald to Indian Bend Wash - (G1303, T1303)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$438.2)

Location: Arizona Canal, from Chaparral Road to McDonald Road

Project Type: Construction Related

Description: Design and construct a multiuse path along the Arizona Canal from Chaparral Road to the Indian Bend Wash path south of Indian Bend Road. The project also includes public art, landscaping, site furnishings, connections to adjacent neighborhoods and pedestrian bridges.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	2,200.0	-	-	-	-	2,200.0
Transportation 0.2% Sales Tax	1,911.7	-	-	-	-	1,911.7
Total:	4,111.7	-	-	-	-	4,111.7

*** Bikeways Program - (YB28A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Multiple locations

Project Type: Construction Related

Description: Improve multi use paths and on street bicycle facilities to include: path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	850.0	850.0	600.0	600.0	600.0	3,500.0
Total:	850.0	850.0	600.0	600.0	600.0	3,500.0

*** Bikeways Program - (Y1328)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$304.9)

Location: Multiple locations

Project Type: Construction Related

Description: Improve multi use paths and on street bicycle facilities to include: path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	350.0	-	-	-	-	350.0
Total:	350.0	-	-	-	-	350.0

*Recurring Capital Maintenance Projects.

*** Bus Stop Improvements - (Y1117)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$15.4)

Location: Citywide

Project Type: Construction Related

Description: Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	200.0	-	-	-	-	200.0
Total:	200.0	-	-	-	-	200.0

*** Bus Stop Improvements - (Y1017)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$537.2)

Location: Citywide

Project Type: Construction Related

Description: Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	576.0	-	-	-	-	576.0
Total:	576.0	-	-	-	-	576.0

*** Bus Stop Improvements - (YA17A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$20.9)

Location: Citywide

Project Type: Construction Related

Description: Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	150.0	-	-	-	-	150.0
Total:	150.0	-	-	-	-	150.0

*Recurring Capital Maintenance Projects.

*** Bus Stop Improvements - (Y1317)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$35.3)

Location: Citywide

Project Type: Construction Related

Description: Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	150.0	-	-	-	-	150.0
Total:	150.0	-	-	-	-	150.0

Crosscut Canal Bridge and Path - (TA05A, GA03A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$0.3)

Location: Crosscut Canal Path in south Scottsdale

Project Type: Construction Related

Description: The construction of a non-motorized bridge over the Crosscut Canal, a ramp and a path. The project will connect existing pathways between Tempe and Scottsdale, and make it safer for bicycles and pedestrian to access the new transit center south of the Scottsdale Road and McDowell Road intersection.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	180.9	445.4	-	-	-	626.3
Transportation 0.2% Sales Tax	271.3	-	-	-	-	271.3
Total:	452.2	445.4	-	-	-	897.6

Downtown Pedestrian Improvements - (T0801)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$513.6)

Location: Downtown Scottsdale

Project Type: Construction Related

Description: This project implements the recommendations of the Downtown Scottsdale Pedestrian Mobility study to improve pedestrian access throughout the downtown area.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	600.0	-	-	-	-	600.0
Total:	600.0	-	-	-	-	600.0

*Recurring Capital Maintenance Projects.

McDowell Road Bridge over Indian Bend Wash - (T0605, G1101)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$3,715.3)

Location: McDowell Road, Scottsdale Road to Granite Reef Road

Project Type: Construction Related

Description: Add east and westbound bicycle lanes and enhance sidewalks along McDowell Road from Miller Road to 77th Street. Landscaping, site furnishings and pedestrian lighting will be included. The project design will consider access to transit and nearby shared-use paths.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	2,204.4	-	-	-	-	2,204.4
Grants	1,582.1	-	-	-	-	1,582.1
Total:	3,786.5	-	-	-	-	3,786.5

Mustang Transit Passenger Facility - (T0502, G1008, G1010, T9902)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$756.2)

Location: Mustang Library at 90th Street and Shea Boulevard

Project Type: Construction Related

Description: Design and construct a Park and Ride and Transit Facility along 90th Street (intersection with Mustang Library) south of Shea Boulevard. The transit facility includes bus shelters, site furniture and traffic control on 90th Street. The Park and Ride facility includes approximately 250 shared parking spaces. The project includes a two-lane roundabout, traffic control, bus shelters, landscaping and utility relocations. The project is partially federal transit funded.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	2,275.2	-	-	-	-	2,275.2
Grants	5,260.2	-	-	-	-	5,260.2
Transportation 0.2% Sales Tax	1,086.0	-	-	-	-	1,086.0
Total:	8,621.4	-	-	-	-	8,621.4

North Canal Bank Improvements - Marshall Way to Goldwater - (TA02A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$250.8)

Location: North bank of the Arizona Canal between Goldwater Boulevard and Marshall Way

Project Type: Construction Related

Description: This project will complete the path segment between Scottsdale Road and Goldwater Boulevard. The improvements will include construction of the Marshall Way Bridge underpass, pedestrian and bike path connections, as well as landscaping and lighting to complement the existing canal bank improvements

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Contributions	950.0	-	-	-	-	950.0
Transportation 0.2% Sales Tax	996.0	-	-	-	-	996.0
Total:	1,946.0	-	-	-	-	1,946.0

*Recurring Capital Maintenance Projects.

Pave 3 Dirt Roads - (GA04A, TA06A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Northern portion of the city, in segments of Via Dona Road, Hayden Road and Pinnacle Vista Road

Project Type: Construction Related

Description: Pavement of three dirt roads in segments of Via Dona Road, Hayden Road and Pinnacle Vista Road, in an effort to improve air quality where measured increases in traffic volumes have caused concern over dust pollution.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	1,267.9	-	-	-	-	1,267.9
Transportation 0.2% Sales Tax	76.6	-	-	-	-	76.6
Total:	1,344.5	-	-	-	-	1,344.5

Shea Underpass Access at 124th Street - (TEMP1192, TB02A)

Est. Completion: 04/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Shea Boulevard east of 124th Street.

Project Type: Construction Related

Description: Design and construct concrete shared use path and unpaved trail between Sahuaro Drive and Via Linda including access to existing tunnel under Shea Boulevard.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	-	1,253.0	-	-	-	1,253.0
Transportation 0.2% Sales Tax	158.0	-	-	-	-	158.0
Total:	158.0	1,253.0	-	-	-	1,411.0

*** Sidewalk Improvements - (YB20A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Install sidewalks and sidewalk ramps and facilities to enhance the city's pedestrian network.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	350.0	350.0	350.0	350.0	350.0	1,750.0
Total:	350.0	350.0	350.0	350.0	350.0	1,750.0

*** Sidewalk Improvements - (YA20A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$187.1)

Location: Citywide

Project Type: Construction Related

Description: Install sidewalks and sidewalk ramps and facilities to enhance the city's pedestrian network.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	350.0	-	-	-	-	350.0
Total:	350.0	-	-	-	-	350.0

*Recurring Capital Maintenance Projects.

Skysong Center Transit Passenger Facility and Sidewalk Improvements - (G1009, G1308, T0601, G1309, G1310)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$2,162.6)

Location: Transit Center at Scottsdale Road and McDowell Road. Sidewalk improvements on north side of McDowell Road from Scottsdale Road to Miller Road.

Project Type: Construction Related

Description: Design and construct transit passenger facilities at the ASU Skysong Technology Center located at Scottsdale Road and McDowell Road with bus shelters landscaping, lighting, and passenger amenities. Design and construct sidewalk improvements on the north side of McDowell Road, from Scottsdale Road to Miller Road.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	3,807.0	-	-	-	-	3,807.0
Transportation 0.2% Sales Tax	810.4	-	-	-	-	810.4
Total:	4,617.4	-	-	-	-	4,617.4

Thomas Road Bicycle Lanes and Enhanced Sidewalks - (T0606)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$6,493.4)

Location: Thomas Road, 64th Street to Pima Road

Project Type: Construction Related

Description: This project will add bicycle lanes, shade, landscaping and site furnishings and widen the sidewalks.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Bond 2000 - Q7 - Transportation	6,226.9	-	-	-	-	6,226.9
Transportation 0.2% Sales Tax	700.0	-	-	-	-	700.0
Total:	6,926.9	-	-	-	-	6,926.9

*** Trail Improvement Program - (YB18A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: An on-going program to complete and enhance unpaved trails citywide.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	650.0	500.0	500.0	500.0	500.0	2,650.0
Total:	650.0	500.0	500.0	500.0	500.0	2,650.0

*Recurring Capital Maintenance Projects.

*** Trail Improvement Program - (YA18A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$31.3)

Location: Citywide

Project Type: Construction Related

Description: An on-going program to complete and enhance unpaved trails citywide.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	650.0	-	-	-	-	650.0
Total:	650.0	-	-	-	-	650.0

Transit Vehicle Refurbishment - (T0607)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$53.8)

Location: Citywide

Project Type: Construction Related

Description: Vehicle refurbishment including head signs, seating, re-painting and other mechanical and aesthetic treatment to transit vehicles.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Transportation 0.2% Sales Tax	150.0	-	-	-	-	150.0
Total:	150.0	-	-	-	-	150.0

WestWorld Trail Connections - (TEMP1193)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Areas adjacent to WestWorld, Grayhawk, DC Ranch and McDowell Mountain Ranch.

Project Type: Construction Related

Description: Provide 4.7 miles of non-motorized connectivity from WestWorld to adjoining neighborhoods and the McDowell Sonoran Preserve.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Grants	-	-	4,224.0	-	-	4,224.0
Transportation 0.2% Sales Tax	-	632.0	256.0	-	-	888.0
Total:	-	632.0	4,480.0	-	-	5,112.0

*Recurring Capital Maintenance Projects.



FY 2014/15 Adopted Budget

Project Descriptions

(In thousands of dollars)

Water Management

Water Management focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safe, reliable water and providing water reclamation services. This program also reflects the city's commitment to federal and state regulations. Approximately 27.8% (\$140.5 million) of the CIP has been identified to address the water and water reclamation needs of the city.

Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Water Management								
Wastewater Improvements								
Advance Water Treatment Plant Membranes - Wastewater (VB04A)	-	401.2	-	-	-	401.2	802.4	119
Cross Roads East Wastewater (V0501)	(282.9)	2,598.0	1,514.9	-	-	-	4,112.9	119
Hydrogen Sulfide Mitigation (VA07A)	-	4,800.0	-	-	-	-	4,800.0	119
Master Plan Water Reclamation (V8620)	(3,012.4)	2,902.0	-	-	-	-	2,902.0	120
Master Plan Water Reclamation (VB07A)	-	631.4	350.0	-	-	-	981.4	120
Radio Telemetry Monitoring Automation Citywide - Wastewater (V4001)	(1,018.3)	2,105.5	200.0	200.0	100.0	250.0	2,855.5	120
Reclamation Regulatory Compliance (VA02A)	-	250.0	-	-	-	-	250.0	121
RWDS Improvements (V0502)	(8,496.0)	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	16,075.0	121
Sanitary Sewer Lateral Rehabilitation (VB02A)	-	50.0	50.0	50.0	50.0	50.0	250.0	121
Secondary Clarifier Rehabilitation (VA08A)	-	2,310.0	-	-	-	-	2,310.0	122
SROG Operations & Solids Improvements (V1301)	-	1,500.0	-	-	-	-	1,500.0	122
SROG Sewage Transmission Line (V0402)	(9,379.0)	17,267.0	3,000.0	10,000.0	-	-	30,267.0	122
SROG SRO / SAI Interceptor Odor Control (VA04A)	-	10,760.0	-	-	-	-	10,760.0	123
* SROG Wastewater Treatment Plant (YA24A)	-	500.0	-	-	-	-	500.0	123
* SROG Wastewater Treatment Plant (YB24A)	-	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0	123
SROG Water Reclamation Capacity Management (V0706)	(568.6)	1,016.3	-	-	-	-	1,016.3	124
Wastewater Collection System Improvements (VA05B, V3704)	(53,093.8)	52,451.1	-	-	-	-	52,451.1	124
Wastewater Collection System Improvements (VA09B, VA06A, VA05C, VB06A)	(94.3)	14,967.9	7,100.0	7,000.0	5,000.0	4,000.0	38,067.9	125
Wastewater Impact Fees (TEMP1531)	-	-	10.0	-	-	-	10.0	125
Wastewater Oversizing (V0703)	(1,831.1)	1,985.6	-	50.0	-	50.0	2,085.6	125
Wastewater Technology Master Plan (VB01A)	-	240.0	-	-	-	100.0	340.0	126
Water Reclamation Participation Program (V0801)	(1,879.8)	3,350.0	-	-	-	750.0	4,100.0	126
Water Reclamation Security Enhancements (V0704)	(2,614.9)	3,036.0	330.0	280.0	300.0	400.0	4,346.0	126
Water Improvements								
Advance Water Treatment Plant Membranes - Water (WB02A)	-	70.8	-	-	-	70.8	141.6	127
Booster Pump Station 42B Infrastructure Improvements (WB04A)	-	3,915.0	-	-	-	-	3,915.0	127
Booster Station Upgrades (W9903)	(7,446.6)	8,761.3	-	-	-	-	8,761.3	127
Booster Station Upgrades (WB14A)	-	5,825.7	300.0	250.0	750.0	550.0	7,675.7	128
Campus/Central Arizona Project Drainage & Paving Improvements (Water) (WB10A, VB03A)	-	200.0	1,800.0	-	-	-	2,000.0	128
Chaparral Water Treatment Plant Membrane Communications System Upgrades (WB05A)	-	1,625.0	-	-	-	-	1,625.0	128
Chaparral Water Treatment Plant Pretreatment (W1102, WA01B)	(6,826.4)	30,804.1	-	-	-	-	30,804.1	129
Cross Roads East Water (W0501)	(2,424.5)	3,848.0	3,183.2	-	-	-	7,031.2	129
Deep Well Recharge/Recovery Facilities (W8515)	(899.3)	5,100.0	-	-	-	-	5,100.0	129

*Recurring Capital Maintenance Projects.

Project Descriptions

(In thousands of dollars)

Project	Estimated Expenditures Thru 06/30/14	FY2014/15	FY2015/16	FY2016/17	FY2017/18	FY2018/19	Total	Page #
		Adopted	Forecast	Forecast	Forecast	Forecast		
Water Management								
Water Improvements								
Irrigation Water Distribution System Improvements (W1103)	(46.8)	2,250.0	-	-	-	-	2,250.0	130
IWDS / Harquahala Valley Irrigation District Property (WB06A)	-	5,016.0	-	-	-	-	5,016.0	130
Master Plan - Water (WB16A)	-	627.0	400.0	-	-	-	1,027.0	130
Master Plan – Water (W8525)	(2,888.9)	2,689.8	-	-	-	-	2,689.8	131
Radio Telemetry Monitoring Automation Citywide - Water (W4001)	(2,157.7)	2,714.4	200.0	200.0	75.0	150.0	3,339.4	131
Removal and Replacement of Sodium Hypochlorite Generation System (WB01A)	-	1,600.0	-	-	-	-	1,600.0	131
Site 71 Well Site and Water Booster Station (WA02A)	(1,731.8)	5,000.0	-	-	-	-	5,000.0	132
Southwest Waterline Replacements (W1302)	(1,120.8)	1,215.0	-	-	-	-	1,215.0	132
Tonopah Recharge Basin (WB11A)	-	870.0	870.0	-	-	-	1,740.0	132
Water and Sewer System Optimization (W1101)	(1,469.0)	1,500.0	-	-	-	-	1,500.0	133
Water Campus Vadose Well Rehabilitation (WB17A)	-	260.0	125.0	125.0	155.0	50.0	715.0	133
Water Distribution System Improvements (W9912)	(64,812.5)	63,915.5	-	-	-	-	63,915.5	133
Water Distribution System Improvements (WB15A)	-	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5	134
Water Impact Fees (TEMP1529)	-	-	10.0	-	-	-	10.0	134
Water Meter Replacement Program (WB03A)	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	134
Water Oversizing (W0710)	(7,657.2)	8,204.5	-	-	-	-	8,204.5	135
Water Participation Program (W0801)	(587.8)	2,000.0	-	-	-	750.0	2,750.0	135
Water Quality Regulatory Compliance Programs (W0709)	(1,443.5)	2,100.0	-	-	-	-	2,100.0	135
Water Resources Impact Fees (TEMP1530)	-	-	10.0	-	-	-	10.0	136
* Water System Security Enhancements (YA26A)	(338.4)	350.0	-	-	-	-	350.0	136
* Water System Security Enhancements (YB26A)	-	440.0	460.0	430.0	410.0	280.0	2,020.0	136
Water Technology Master Plan (WB09A)	-	360.0	-	-	-	150.0	510.0	136
Water Treatment Plant Membranes (WB08A)	-	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5	137
Well Sites (W4708)	(21,922.0)	21,911.7	-	-	-	-	21,911.7	137
Well Sites (WB13A)	-	1,115.4	-	-	-	-	1,115.4	137
Well Sites Rehabilitation (W0708)	(2,081.8)	4,000.0	-	-	-	-	4,000.0	138
WestWorld Improvements (W1104)	(186.3)	900.0	-	-	-	-	900.0	138
Zone 14/16 Water Improvements Phase 2 (WB07A)	-	1,000.0	9,000.0	4,446.3	-	-	14,446.3	138

*Recurring Capital Maintenance Projects.

Advance Water Treatment Plant Membranes - Wastewater - (VB04A)

Est. Completion: 12/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Water Campus

Project Type: Construction Related

Description: Provides for the replacement of water treatment membranes at the Advanced Water Treatment (AWT) Plant at the Water Campus.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	401.2	-	-	-	401.2	802.4
Total:	401.2	-	-	-	401.2	802.4

Cross Roads East Wastewater - (V0501)

Est. Completion: 06/20 **Est. ITD Expenditures (Thru 06/14):** (\$282.9)

Location: 74th Street to Hayden Road, North of the 101 loop.

Project Type: Construction Related

Description: Construct sewer lines within the area consistent with the development agreement. Advanced construction of streets within the Core North/Core South area by the city will require concurrent installation of sewer lines to provide service for future adjacent development.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Development Fees	2,598.0	1,514.9	-	-	-	4,112.9
Total:	2,598.0	1,514.9	-	-	-	4,112.9

Hydrogen Sulfide Mitigation - (VA07A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Design and construct new odor control facilities at both the Sewer Pumpback System and Water Campus Headworks facility. The current odor control systems are approaching the end of their useful service life, thereby requiring extensive maintenance.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	4,800.0	-	-	-	-	4,800.0
Total:	4,800.0	-	-	-	-	4,800.0

*Recurring Capital Maintenance Projects.

Master Plan Water Reclamation - (V8620)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$3,012.4)

Location: Citywide

Project Type: Construction Related

Description: Provides for master plan updates for wastewater system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing sewer systems, lift stations, and treatment facilities, as well as updating operating manuals and standard operating procedures.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Development Fees	1,929.7	-	-	-	-	1,929.7
Sewer Rates	972.3	-	-	-	-	972.3
Total:	2,902.0	-	-	-	-	2,902.0

Master Plan Water Reclamation - (VB07A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for master plan updates for wastewater system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing sewer systems, lift stations, and treatment facilities, as well as updating operating manuals and standard operating procedures.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	631.4	350.0	-	-	-	981.4
Total:	631.4	350.0	-	-	-	981.4

Radio Telemetry Monitoring Automation Citywide - Wastewater - (V4001)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$1,018.3)

Location: Citywide

Project Type: Construction Related

Description: Construct radio telemetry facilities at new and existing wastewater facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	2,105.5	200.0	200.0	100.0	250.0	2,855.5
Total:	2,105.5	200.0	200.0	100.0	250.0	2,855.5

*Recurring Capital Maintenance Projects.

Reclamation Regulatory Compliance - (VA02A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Water Campus

Project Type: Technology Related

Description: Provides for a regulatory compliance software program that will automate and streamline the city's abilities to meet aquifer protection and underground storage facility permits. The program will import external laboratory results from the city's laboratory information system and track individual contaminant results and automatically provide alerts. The program will provide report writing functions that meet the current Arizona Department of Environmental Quality (ADEQ) self-monitoring requirements. This program will also be operated to track and manage the division's air quality permits.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	250.0	-	-	-	-	250.0
Total:	250.0	-	-	-	-	250.0

RWDS Improvements - (V0502)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$8,496.0)

Location: North of Central Arizona Project Canal

Project Type: Construction Related

Description: Provides for improvements to Reclaimed Water Distribution System (RWDS) pipeline pump stations and reservoirs. This project will be fully funded by the golf courses receiving reclaimed effluent from the Water Campus through the RWDS.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
RWDS Fund	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	16,075.0
Total:	11,075.0	1,250.0	1,250.0	1,250.0	1,250.0	16,075.0

Sanitary Sewer Lateral Rehabilitation - (VB02A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for the rehabilitation or replacement of failing sewer service laterals located within the public right-of-way.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	50.0	50.0	50.0	50.0	50.0	250.0
Total:	50.0	50.0	50.0	50.0	50.0	250.0

*Recurring Capital Maintenance Projects.

Secondary Clarifier Rehabilitation - (VA08A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Water Campus

Project Type: Construction Related

Description: Design and rehabilitation of three secondary sewage clarifiers at the Water Campus. Due to the corrosive environment of the area within each clarifier, much of the internal structure has deteriorated and needs to be replaced to become fully operational. A portion of this project also involves the construction of a solids collection mechanism within each clarifier that will improve worker safety during routine operation.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	2,310.0	-	-	-	-	2,310.0
Total:	2,310.0	-	-	-	-	2,310.0

SROG Operations & Solids Improvements - (V1301)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

Project Type: Construction Related

Description: Provides for additional solids handling capacity due to new technology being utilized at the 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate share of cost is derived through an existing intergovernmental agreement with the Multi-City Sub-regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	1,500.0	-	-	-	-	1,500.0
Total:	1,500.0	-	-	-	-	1,500.0

SROG Sewage Transmission Line - (V0402)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$9,379.0)

Location: Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

Project Type: Construction Related

Description: Provides for modifications and improvements to the Salt River Outfall (SRO) sewer line which transmits sewer flow approximately 26 miles from Scottsdale's city limits to the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	5.0	-	-	-	-	5.0
Sewer Rates	17,262.0	3,000.0	10,000.0	-	-	30,262.0
Total:	17,267.0	3,000.0	10,000.0	-	-	30,267.0

*Recurring Capital Maintenance Projects.

SROG SRO / SAI Interceptor Odor Control - (VA04A)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Princess Meter Station, Curry Road and Stadem Drive in the Salt River Outfall (SRO) interceptor

Project Type: Construction Related

Description: The Salt River Outfall/Southern Avenue Interceptor (SRO/SAI) pipeline system is the major wastewater interceptor system conveying wastewater for the 5 Sub-Regional Operating Group (SROG) Partner Cities across the valley to the 91st Avenue Wastewater Treatment Plant. The first phase of this project is to complete a study and plan out the technology, timing and cost for odor control on the overall system.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	10,760.0	-	-	-	-	10,760.0
Total:	10,760.0	-	-	-	-	10,760.0

*** SROG Wastewater Treatment Plant - (YA24A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

Project Type: Construction Related

Description: Provides for modifications and improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	500.0	-	-	-	-	500.0
Total:	500.0	-	-	-	-	500.0

*** SROG Wastewater Treatment Plant - (YB24A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

Project Type: Construction Related

Description: Provides for modifications and improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0
Total:	500.0	1,025.0	1,000.0	750.0	750.0	4,025.0

*Recurring Capital Maintenance Projects.

SROG Water Reclamation Capacity Management - (V0706)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$568.6)

Location: Wastewater Treatment Plant, 91st Avenue in Phoenix, AZ

Project Type: Construction Related

Description: Provide for capital expansion, modifications and improvements to the regional wastewater conveyance facilities according to existing intergovernmental agreements with the Sub-Regional Operating Group (SROG). The City of Scottsdale will continue to send a portion of its wastewater to the regional 91st Avenue Wastewater Treatment Plant located in the City of Phoenix. Although the City of Scottsdale Water Reclamation Plant at the Water Campus was recently expanded, the City will continue to send the majority of its wastewater generated south of Doubletree Ranch Road alignment to the regional 91st Avenue Wastewater Treatment Plant.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	1,016.3	-	-	-	-	1,016.3
Total:	1,016.3	-	-	-	-	1,016.3

Wastewater Collection System Improvements - (VA05B, V3704)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$53,757.6)

Location: Citywide

Project Type: Construction Related

Description: Design and construct sewer lines, treatment plant work and rehabilitate sewer manholes in the aging sewer system per the Asset Management Program. Many of the sewer lines in the city have been in use for well over 30 years. The city is being proactive to avoid serious problems in the sewer system resulting from the aging infrastructure. In conjunction with the Asset Management Program, sewer lines will be videotaped to find potential problems, and design will be initiated to correct any identified problems. Additionally, this project will replace undersized sewer lines and provide new infrastructure to support redevelopment associated with downtown revitalization. This project will also include minor design, maintenance and construction modifications to various wastewater treatment plant infrastructure and lift stations as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	10,000.0	-	-	-	-	10,000.0
Sewer Development Fees	8,972.2	-	-	-	-	8,972.2
Sewer Rates	33,478.9	-	-	-	-	33,478.9
Total:	52,451.1	-	-	-	-	52,451.1

*Recurring Capital Maintenance Projects.

Wastewater Collection System Improvements - (VA09B, VA06A, VA05C, VB06A)

Est. Completion: 06/25 **Est. ITD Expenditures (Thru 06/14):** (\$94.3)

Location: Citywide

Project Type: Construction Related

Description:

Design and construct sewer lines, treatment plant work and rehabilitate sewer manholes in the aging sewer system per the Asset Management Program. Many of the sewer lines in the city have been in use for well over 30 years. The city is being proactive to avoid serious problems in the sewer system resulting from the aging infrastructure. In conjunction with the Asset Management Program, sewer lines will be videotaped to find potential problems, and design will be initiated to correct any identified problems. Additionally, this project will replace undersized sewer lines and provide new infrastructure to support redevelopment associated with downtown revitalization. This project will also include minor design, maintenance and construction modifications to various wastewater treatment plant infrastructure and lift stations as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
MPC BONDS	7,494.9	5,600.0	-	-	-	13,094.9
Sewer Development Fees	-	1,500.0	-	-	-	1,500.0
Sewer Rates	7,473.0	-	7,000.0	5,000.0	4,000.0	23,473.0
Total:	14,967.9	7,100.0	7,000.0	5,000.0	4,000.0	38,067.9

Wastewater Impact Fees - (TEMP1531)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Sewer fee study and audit requirements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Development Fees	-	10.0	-	-	-	10.0
Total:	-	10.0	-	-	-	10.0

Wastewater Oversizing - (V0703)

Est. Completion: 06/19 **Est. ITD Expenditures (Thru 06/14):** (\$1,831.1)

Location: Citywide

Project Type: Construction Related

Description:

Provides funds for the city to oversize lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident/developer is required by City Code to extend a sewer line (typically an 8" sewer line) at the resident/developer cost, and the city wishes to use that opportunity to upsize the line to accommodate regional flows. The city pays the cost difference between the upsized line and the price the resident/developer would have paid to extend the sewer line in-kind.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
GO BONDS	192.2	-	-	-	-	192.2
Sewer Development Fees	1,638.9	-	-	-	-	1,638.9
Sewer Rates	154.5	-	50.0	-	50.0	254.5
Total:	1,985.6	-	50.0	-	50.0	2,085.6

*Recurring Capital Maintenance Projects.

Wastewater Technology Master Plan - (VB01A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0
Location: Citywide master plan of the Technology Master Plan, including all sewer facilities
Project Type: Technology Related
Description: Water Resources will develop a ten year master plan to examine current capabilities and condition of our communications systems. The master plan will entail developing a roadmap to update, standardize and maintain integrated control systems including Supervisory Control and Data Acquisition (SCADA)/Telemetry infrastructure. The master plan effort will evaluate hardware/software, as well as study overall system resiliency.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	240.0	-	-	-	100.0	340.0
Total:	240.0	-	-	-	100.0	340.0

Water Reclamation Participation Program - (V0801)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$1,879.8)
Location: Citywide
Project Type: Construction Related
Description: This program allows the city to administer pay-back agreements to assist residents connecting to the city's sewer collection system. Payback for the sewer extensions will be paid back over time with interest by the residents.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	3,350.0	-	-	-	750.0	4,100.0
Total:	3,350.0	-	-	-	750.0	4,100.0

Water Reclamation Security Enhancements - (V0704)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$2,614.9)
Location: Citywide
Project Type: Construction Related
Description: Enhance security at wastewater facilities throughout the city by upgrading existing prevention, detection and response systems. This project results from recommendations developed by a security survey of all wastewater facilities in the city. Enhancements to existing security measures were identified in the areas of access control, security personnel, surveillance, intrusion detection, site hardening and back-up power.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	3,036.0	330.0	280.0	300.0	400.0	4,346.0
Total:	3,036.0	330.0	280.0	300.0	400.0	4,346.0

*Recurring Capital Maintenance Projects.

Advance Water Treatment Plant Membranes - Water - (WB02A)

Est. Completion: 12/19 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Scottsdale Water Campus

Project Type: Construction Related

Description: Provides for the replacement of water treatment membranes at the Advanced Water Treatment (AWT) Plant at the Water Campus.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	70.8	-	-	-	70.8	141.6
Total:	70.8	-	-	-	70.8	141.6

Booster Pump Station 42B Infrastructure Improvements - (WB04A)

Est. Completion: 12/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Jomax Road and Pima Road

Project Type: Construction Related

Description: This project will address site improvements including the replacement of electrical and mechanical infrastructure that has reached the end of its useful service life. Booster pump station 42B is located at Pima and Jomax Roads and operates at pressures approaching 250 psi and is a vital facility for supplying potable water to this portion of the city's Water Service Area.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	3,915.0	-	-	-	-	3,915.0
Total:	3,915.0	-	-	-	-	3,915.0

Booster Station Upgrades - (W9903)

Est. Completion: 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$7,446.6)

Location: Multiple locations

Project Type: Construction Related

Description: Upgrade components of the water production system as needed to meet system demands. Booster pump stations are reaching capacity and additional pumps are required to meet demands. At some of the booster pump stations, the equipment is dated, and parts are no longer available, so new equipment is required.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	8,761.3	-	-	-	-	8,761.3
Total:	8,761.3	-	-	-	-	8,761.3

*Recurring Capital Maintenance Projects.

Booster Station Upgrades - (WB14A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Multiple locations

Project Type: Construction Related

Description: Upgrade components of the water production system as needed to meet system demands. Booster pump stations are reaching capacity and additional pumps are required to meet demands. At some of the booster pump stations, the equipment is dated, and parts are no longer available, so new equipment is required.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	5,825.7	300.0	250.0	750.0	550.0	7,675.7
Total:	5,825.7	300.0	250.0	750.0	550.0	7,675.7

Campus/Central Arizona Project Drainage & Paving Improvements (Water) - (WB10A, VB03A)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Pima Road and Hualapai Drive

Project Type: Construction Related

Description: This project consists of designing and constructing engineered drainage features throughout the Central Arizona Project (CAP) property to collect and direct on-site stormwater to identified discharge points. Uncontrolled runoff currently contributes to nuisance flooding and risk to infrastructure during precipitation events. On-site paving improvements have been identified to improve staff mobility throughout the site which contributes to improved safety, security and operational reliability.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	160.0	1,440.0	-	-	-	1,600.0
Water Rates	40.0	360.0	-	-	-	400.0
Total:	200.0	1,800.0	-	-	-	2,000.0

Chaparral Water Treatment Plant Membrane Communications System Upgrades - (WB05A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Chaparral Water Treatment Plant

Project Type: Construction Related

Description: This project will modify the control systems for the submerged membrane system at the Chaparral Water Treatment Plant. The work will replace the Foundation Fieldbus (FF) Network with hard wired Input/Output. The project also requires replacement of the existing FF hardware with Allen-Bradley remote I/O hardware, and conversion/replacement of the field devices.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	1,625.0	-	-	-	-	1,625.0
Total:	1,625.0	-	-	-	-	1,625.0

*Recurring Capital Maintenance Projects.

Chaparral Water Treatment Plant Pretreatment - (W1102, WA01B)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$6,826.4)

Location: Chaparral Water Treatment Plant

Project Type: Construction Related

Description: Design and construct pretreatment infrastructure to meet stricter water quality regulations and improve operational performance given new challenges posed by deteriorating source water quality. Funds programmed are primarily targeted at immediately addressing infrastructure and operational needs needed to achieve compliance with tightened water quality rules.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	30,804.1	-	-	-	-	30,804.1
Total:	30,804.1	-	-	-	-	30,804.1

Cross Roads East Water - (W0501)

Est. Completion: 06/16 **Est. ITD Expenditures (Thru 06/14):** (\$2,424.5)

Location: 74th Street to Hayden Road, North of the 101 Loop.

Project Type: Construction Related

Description: Construct water lines within the area consistent with the development agreement. Advance construction of streets within the Core North and Core South area by the city will require concurrent installation of water lines to provide service for future adjacent development. These lines are normally installed by the development community and will be reimbursed with development fees.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	3,711.0	3,183.2	-	-	-	6,894.2
Water Rates	137.0	-	-	-	-	137.0
Total:	3,848.0	3,183.2	-	-	-	7,031.2

Deep Well Recharge/Recovery Facilities - (W8515)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** (\$899.3)

Location: Multiple locations

Project Type: Construction Related

Description: Design and construct deep well water recharge and recovery facilities to ensure the long-term sustainability of the city's northern well field. The city will continue to use wells in its system to supply water to the community. For the city's 100 year water supply, the city is required to recharge water into its aquifers. This program will determine the best areas for this to occur. Initial testing has been completed, but the city would like to explore options further north of the Water Campus for this procedure.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	4,386.8	-	-	-	-	4,386.8
Water Resource Development Fees	713.2	-	-	-	-	713.2
Total:	5,100.0	-	-	-	-	5,100.0

*Recurring Capital Maintenance Projects.

Irrigation Water Distribution System Improvements - (W1103)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$46.8)

Location: Citywide

Project Type: Construction Related

Description: Provides for improvements to the Irrigation Water Distribution System (IWDS) pipeline, pump stations, reservoirs and recharge wells. This project will be fully funded by the golf courses receiving Central Arizona Project water from the Water Campus through the IWDS.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Irrigation Wtr Dist	2,250.0	-	-	-	-	2,250.0
Total:	2,250.0	-	-	-	-	2,250.0

IWDS / Harquahala Valley Irrigation District Property - (WB06A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Irrigation Water Distribution System / Harquahala Valley Irrigation District Property

Project Type: Construction Related

Description: Provides for the construction of groundwater pumping wells and a transmission pipeline from the wells to the Central Arizona Project (CAP) canal in the Harquahala Valley. This project will be fully funded by the golf courses receiving water through the Irrigation Water Distribution System (IWDS).

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Irrigation Wtr Dist	5,016.0	-	-	-	-	5,016.0
Total:	5,016.0	-	-	-	-	5,016.0

Master Plan - Water - (WB16A)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for master plan updates for water system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing pipelines, reservoirs, pump stations and treatment facilities, as well as updating operating manuals and standard operating procedures.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	627.0	400.0	-	-	-	1,027.0
Total:	627.0	400.0	-	-	-	1,027.0

*Recurring Capital Maintenance Projects.

Master Plan – Water - (W8525)

Est. Completion: 06/18 **Est. ITD Expenditures (Thru 06/14):** (\$2,888.9)

Location: Citywide

Project Type: Construction Related

Description: Provides for master plan updates for water system management needs including federal regulatory impacts and capital project needs. Master planning activities include condition assessment analyses of existing pipelines, reservoirs, pump stations and treatment facilities, as well as updating operating manuals and standard operating procedures.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	1,705.8	-	-	-	-	1,705.8
Water Rates	823.0	-	-	-	-	823.0
Water Resource Development Fees	161.0	-	-	-	-	161.0
Total:	2,689.8	-	-	-	-	2,689.8

Radio Telemetry Monitoring Automation Citywide - Water - (W4001)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$2,157.7)

Location: Citywide

Project Type: Construction Related

Description: Construct radio telemetry facilities at new and existing water facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	2,714.4	200.0	200.0	75.0	150.0	3,339.4
Total:	2,714.4	200.0	200.0	75.0	150.0	3,339.4

Removal and Replacement of Sodium Hypochlorite Generation System - (WB01A)

Est. Completion: 06/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Chaparral Water Treatment Plant

Project Type: Construction Related

Description: Upgrade the on-site chlorine generation system at the Chaparral Water Treatment Plant. The Assessment Management Program has identified that improvements are necessary to maintain disinfection capabilities at the plant. A newer technology will alleviate safety issues with the on-site generation of chlorine.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	1,600.0	-	-	-	-	1,600.0
Total:	1,600.0	-	-	-	-	1,600.0

*Recurring Capital Maintenance Projects.

Site 71 Well Site and Water Booster Station - (WA02A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$1,731.8)

Location: Site 71 Well and Booster Pump Station

Project Type: Construction Related

Description: Design of a new well site and booster pump station that will be a replacement for the original on-site well constructed in 1959 on the southeast corner of Thomas Road and Miller Road. The new well is an integral component of the North Indian Bend Wash (NIBW) Superfund remedy.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	5,000.0	-	-	-	-	5,000.0
Total:	5,000.0	-	-	-	-	5,000.0

Southwest Waterline Replacements - (W1302)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$1,120.8)

Location: Intersection of 56th Street and Thomas Road, and Sundown Drive between Shea Boulevard and Cactus Road

Project Type: Construction Related

Description: Replace existing undersized asbestos cement (AC) piping that is not in accordance with the city's current standards.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	1,215.0	-	-	-	-	1,215.0
Total:	1,215.0	-	-	-	-	1,215.0

Tonopah Recharge Basin - (WB11A)

Est. Completion: 02/16 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Various locations

Project Type: Construction Related

Description: With forecasted persistent drought conditions and projected rising Central Arizona Project (CAP) water rates, Water Resources plans to recharge our unused allocation of CAP water in the Central Arizona Water Conservation District's (CAWCD) established Tonopah Desert Recharge Project (TDRP). This facility provides cost effective direct recharge and banks water storage credits that can be used to offset pumping used to meet customer demand during peak summer demand or extended periods of drought. Pursuing this strategy now is critical since State rule changes are anticipated as early as 2016 which may restrict the practice of recharge outside each water provider's own underlying aquifers.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	870.0	870.0	-	-	-	1,740.0
Total:	870.0	870.0	-	-	-	1,740.0

*Recurring Capital Maintenance Projects.

Water and Sewer System Optimization - (W1101)**Est. Completion:** 12/14 **Est. ITD Expenditures (Thru 06/14):** (\$1,469.0)**Location:** Citywide**Project Type:** Construction Related**Description:** This project will develop optimization tools and strategies to prioritize surface water usage over well water usage, blending requirements and strategies overall water quality conditions and challenges, varying seasonal demands reliability, redundancy and fire flows and energy usage and costs.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Sewer Rates	600.0	-	-	-	-	600.0
Water Rates	900.0	-	-	-	-	900.0
Total:	1,500.0	-	-	-	-	1,500.0

Water Campus Vadose Well Rehabilitation - (WB17A)**Est. Completion:** N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0**Location:** Scottsdale Water Campus**Project Type:** Construction Related**Description:** Provides for ongoing rehabilitation of Vadose Zone recharge wells at the Water Campus to cost effectively extend the useful life of these aging assets. The Vadose Well complex at the Water Campus serves to recharge advanced treated water for the purposes of future groundwater withdrawals. Systematic rehabilitation of the existing recharge wells will reinforce this sustainable practice.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	260.0	125.0	125.0	155.0	50.0	715.0
Total:	260.0	125.0	125.0	155.0	50.0	715.0

Water Distribution System Improvements - (W9912)**Est. Completion:** 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$64,812.5)**Location:** Citywide**Project Type:** Construction Related**Description:** Provides for water distribution system improvements needed due to increasing system age, as well as increasing demand and fire flow requirements, such as is attributed to downtown revitalization. This includes replacement of mains, PRV's, meters and valves, as well as design and construction of new water mains at various locations throughout the distribution system to improve service and to reduce operating cost. Replacement of existing small mains (4-inches and smaller) is required to meet fire flow requirements as set forth by Ordinance. This project will also include minor design, maintenance and construction modifications to various water treatment plant infrastructure, pump stations and storage tanks as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	22,781.2	-	-	-	-	22,781.2
Water Rates	41,030.5	-	-	-	-	41,030.5
WW Golf	103.8	-	-	-	-	103.8
Total:	63,915.5	-	-	-	-	63,915.5

*Recurring Capital Maintenance Projects.

Water Distribution System Improvements - (WB15A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for water distribution system improvements needed due to increasing system age, as well as increasing demand and fire flow requirements, such as is attributed to downtown revitalization. This includes replacement of mains, PRV's, meters and valves, as well as design and construction of new water mains at various locations throughout the distribution system to improve service and to reduce operating cost. Replacement of existing small mains (4-inches and smaller) is required to meet fire flow requirements as set forth by Ordinance. This project will also include minor design, maintenance and construction modifications to various water treatment plant infrastructure, pump stations and storage tanks as driven by findings of the division's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5
Total:	19,444.5	9,000.0	9,000.0	10,000.0	9,000.0	56,444.5

Water Impact Fees - (TEMP1529)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Water fee study and audit requirements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	-	10.0	-	-	-	10.0
Total:	-	10.0	-	-	-	10.0

Water Meter Replacement Program - (WB03A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for the purchase and installation of automated water meter equipment. The division is in the process of a multi-year transition from conventional-read water meters to automated metering devices for all customers.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0
Total:	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0

*Recurring Capital Maintenance Projects.

Water Oversizing - (W0710)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$7,657.2)

Location: Citywide

Project Type: Construction Related

Description: Provides funds for the city to oversize lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident/developer is required by City Code to extend a water line (typically an 8" water line) at the resident/developer cost, and the city wishes to use that opportunity to upsize the line to accommodate regional flows. The city pays the cost difference between the upsized line and the price the resident/developer would have paid to extend the water line in-kind.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	7,657.2	-	-	-	-	7,657.2
Water Rates	547.3	-	-	-	-	547.3
Total:	8,204.5	-	-	-	-	8,204.5

Water Participation Program - (W0801)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$587.8)

Location: Citywide

Project Type: Construction Related

Description: This program provides a funding mechanism to facilitate the extension of water lines as required by City Code. The program allows the city to administer pay-back agreements to assist single-family residences connecting to the city's water distribution system. As these pay-backs are settled in the future, the funding outlays made through this program will be re-paid to the city with interest.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	2,000.0	-	-	-	750.0	2,750.0
Total:	2,000.0	-	-	-	750.0	2,750.0

Water Quality Regulatory Compliance Programs - (W0709)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$1,443.5)

Location: Scottsdale Water Campus

Project Type: Construction Related

Description: This project will result in improvements to information management, control and acquisition systems to help ensure water quality compliance. The Laboratory Information Management System (LIMS), used to track all samples brought to the laboratory and the repository of all data generated in the laboratory, will be upgraded. The Regulatory Compliance Group currently manually manages the scheduling and sampling for compliance monitoring of wells, ground and surface water treatment plants and the water distribution system sampling stations. This process will be automated. Additionally, system optimization functionality will be incorporated via software upgrades to the Supervisory Control And Data Acquisition (SCADA) computerized system used to manage physical controls of the water distribution and wastewater collection systems.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	2,100.0	-	-	-	-	2,100.0
Total:	2,100.0	-	-	-	-	2,100.0

*Recurring Capital Maintenance Projects.

Water Resources Impact Fees - (TEMP1530)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Water resources fee study and audit requirements.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Resource Development Fees	-	10.0	-	-	-	10.0
Total:	-	10.0	-	-	-	10.0

*** Water System Security Enhancements - (YB26A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide

Project Type: Construction Related

Description: Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response system as needed.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	440.0	460.0	430.0	410.0	280.0	2,020.0
Total:	440.0	460.0	430.0	410.0	280.0	2,020.0

*** Water System Security Enhancements - (YA26A)**

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** (\$338.4)

Location: Citywide

Project Type: Construction Related

Description: Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response system as needed.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	350.0	-	-	-	-	350.0
Total:	350.0	-	-	-	-	350.0

Water Technology Master Plan - (WB09A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Citywide master plan of the Technology Master Plan, including all water facilities

Project Type: Technology Related

Description: Water Resources will develop a ten year master plan to examine current capabilities and condition of our communications systems. The master plan will entail developing a roadmap to update, standardize and maintain integrated control systems including SCADA/Telemetry infrastructure. The master plan effort will evaluate hardware/software, as well as study overall system resiliency.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	360.0	-	-	-	150.0	510.0
Total:	360.0	-	-	-	150.0	510.0

*Recurring Capital Maintenance Projects.

Water Treatment Plant Membranes - (WB08A)

Est. Completion: N/A **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: WasteWater Treatment Plant

Project Type: Construction Related

Description: Provides for the replacement of water treatment membranes at the Chaparral Water Treatment Plant, Central Arizona Project (CAP) Water Treatment Plant and Advanced Water Treatment Plant.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5
Total:	748.0	748.0	1,127.5	1,127.5	1,127.5	4,878.5

Well Sites - (W4708)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$21,922.0)

Location: Multiple locations

Project Type: Construction Related

Description: Design and construct new wells and upgrade existing wells at locations determined consistent with the Master Plan for water system demand. The city will still need to replace existing wells once the well has reached its useful life.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	21,786.5	-	-	-	-	21,786.5
Water Rates	125.2	-	-	-	-	125.2
Total:	21,911.7	-	-	-	-	21,911.7

Well Sites - (WB13A)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Multiple locations

Project Type: Construction Related

Description: Design and construct new wells and upgrade existing wells at locations determined consistent with the Master Plan for water system demand. The city will still need to replace existing wells once the well has reached its useful life.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	1,115.4	-	-	-	-	1,115.4
Total:	1,115.4	-	-	-	-	1,115.4

*Recurring Capital Maintenance Projects.

Well Sites Rehabilitation - (W0708)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$2,081.8)

Location: Citywide

Project Type: Construction Related

Description: The wells in the city system are aging and need rehabilitation. The wells will be analyzed, chemically or mechanically cleaned and rehabilitated as necessary. The wells in the city are beneficial for future water needs of the City of Scottsdale and need to be working for peak water demands for summer use.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Rates	4,000.0	-	-	-	-	4,000.0
Total:	4,000.0	-	-	-	-	4,000.0

WestWorld Improvements - (W1104)

Est. Completion: 06/15 **Est. ITD Expenditures (Thru 06/14):** (\$186.3)

Location: WestWorld

Project Type: Construction Related

Description: Provides for improvements to WestWorld Golf Recharge Recovery pipeline, pump stations reservoirs, and recharge wells. This project is fully funded by the golf course and city facilities receiving Central Arizona Project (CAP) water from the CAP Canal.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
WW Golf	900.0	-	-	-	-	900.0
Total:	900.0	-	-	-	-	900.0

Zone 14/16 Water Improvements Phase 2 - (WB07A)

Est. Completion: 12/17 **Est. ITD Expenditures (Thru 06/14):** \$0.0

Location: Carefree Highway and Bartlett Road

Project Type: Construction Related

Description: Design and construct a 2.5 million gallon reservoir, booster pump station and install approximately 10,000 linear feet of 16" water line in Carefree Highway to Bartlett Road to serve Wildcat Hills in the far reaches of the city limits.

Funding Sources (In thousands of dollars)	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
Water Development Fees	1,000.0	9,000.0	4,446.3	-	-	14,446.3
Total:	1,000.0	9,000.0	4,446.3	-	-	14,446.3

*Recurring Capital Maintenance Projects.